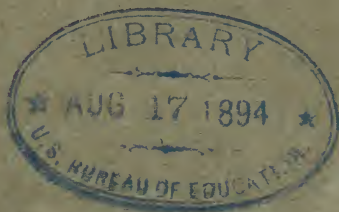


Butler University

1893-19400



Learning and Labor.

LIBRARY

OF THE

University of Illinois.

CLASS.

BOOK.

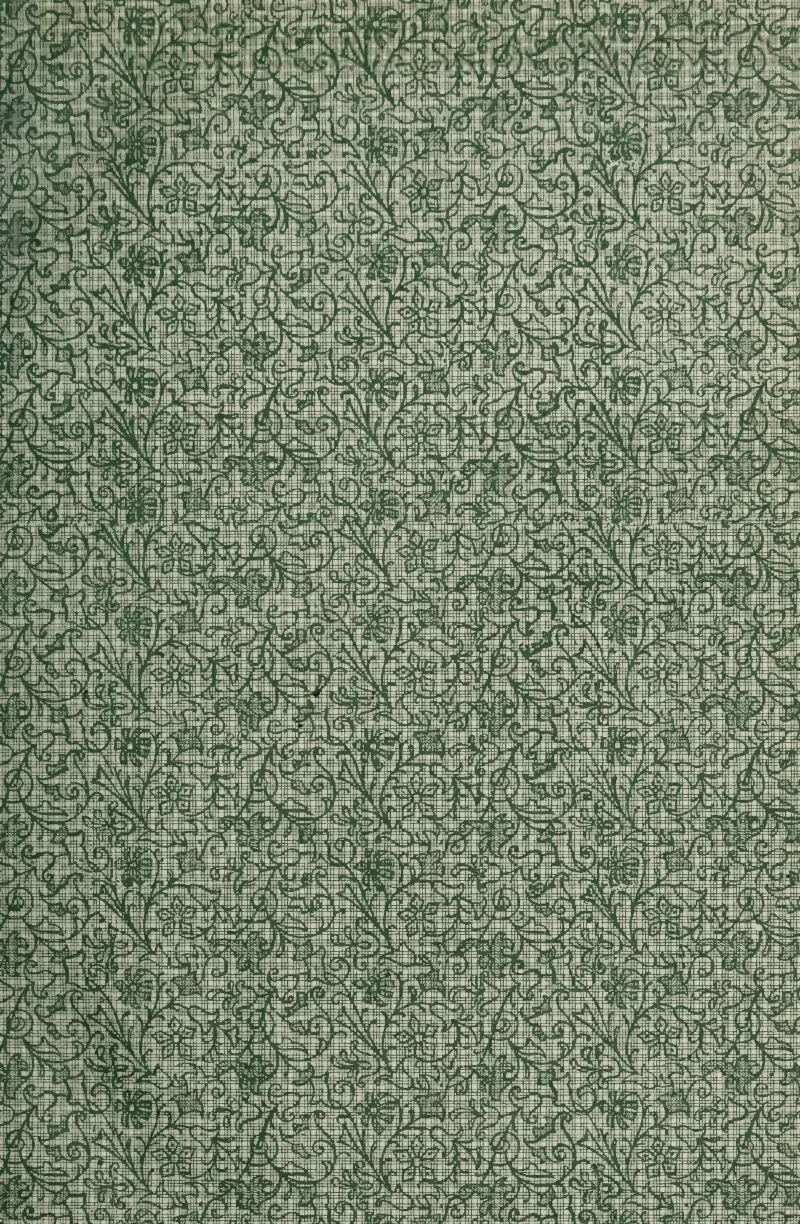
VOLUME.

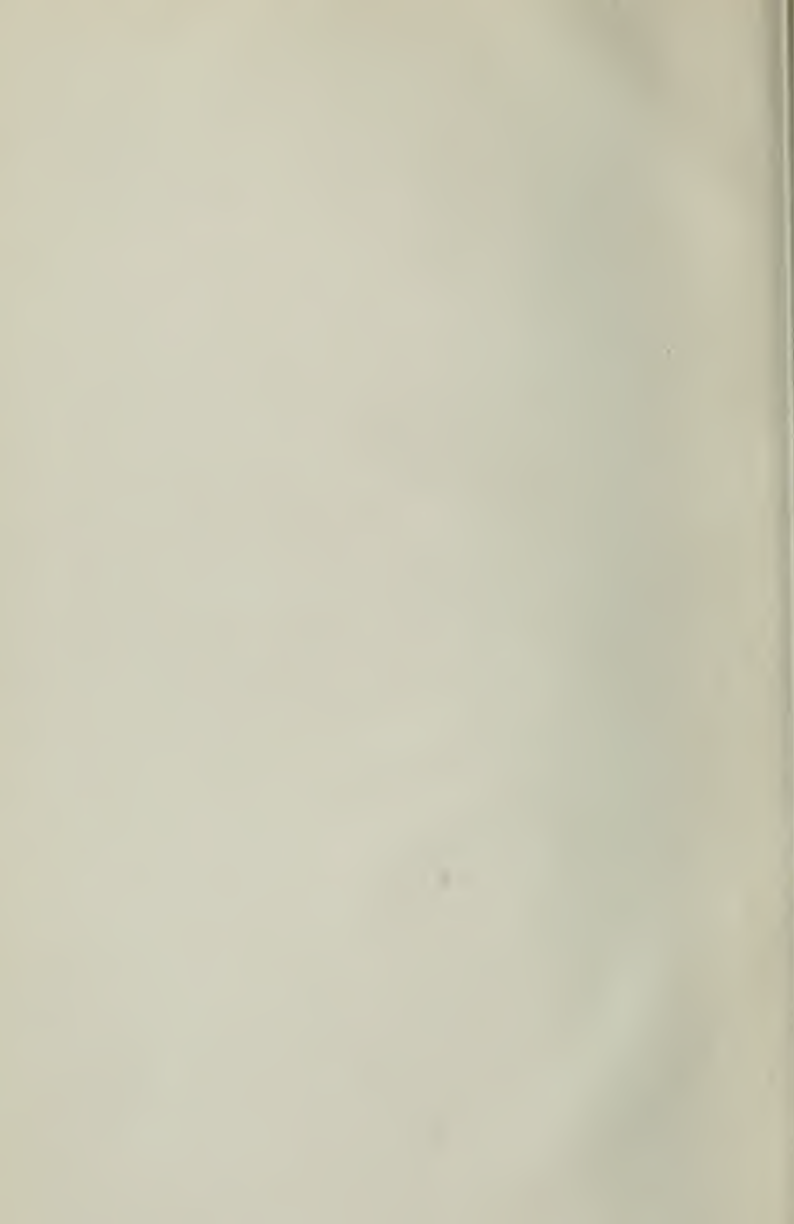
C


In 27H

1893-1900

Accession No.







Digitized by the Internet Archive
in 2012 with funding from
University of Illinois Urbana-Champaign

288 62 212 1012

THE ANNUAL CATALOGUE

OF

BUTLER UNIVERSITY

Irvington, Indiana,

FOR THE

THIRTY-NINTH SESSION,

1893-'94

WITH ANNOUNCEMENTS FOR 1894-'95.



INDIANAPOLIS:
CARLON & HOLLENBECK, PRINTERS.
1894.

TABLE OF CONTENTS.

	PAGE.
CALENDAR	5-6
BOARD OF DIRECTORS	7
FACULTY	8-9
ORGANIZATION: Historical Sketch, Directorship, Financial Condition, Educational Purpose, Religious Influences, Higher Education of Women, Facilities for Self-support by Students, Pecuniary Assistance to Students, Christian Associations, Butler Collegian, Other Student Organizations, Oratorical Association, Athletic Association, Gymnasium Practice, Literary and Musical Advantages, Popular Lectures, Optional and Special Students, Graduate Students, Memorial Gifts.....	11-24
LOCATION AND BUILDINGS: Location and Surroundings, Main College Building, Burgess Hall, Astronomical Observatory, Boarding Hall, Library, Museum, Chemical Laboratory, Gymnasium.....	25-32
DEPARTMENTS OF INSTRUCTION: The Bible, Philosophy, Civics, Mathematics, Latin, Greek, English, German, French, Natural History, Botany, Geology, Physics, Chemistry, Elocution, Physical Culture.....	33-51
ADMISSION: To whom Open, Entrance Examinations, Admission on Examination, Examination of Optional Students, Admission without Examination, High School Graduates, Admission to Advanced Standing..	52-56
RESIDENCE: Registration, Enrollment Each Term, Religious Duties, Class Exercises, Final Examinations of the Term, Exemption from Examinations, Classification of Students, Term Reports, Prize Contests, Payments to the University, Tuition in Music School, Expense of Residence.....	57-62
GRADUATION: General Requirements, Baccalaureate Degrees, Baccalaureate Theses, Advanced Degrees	63-65

COURSES OF STUDY:	General Course (1).....	66
	General Course (2).....	66
	Pre-Law Course.....	66
	Pre-Medical Course.....	66
	Pre-Ministerial Course.....	66
	Work of Freshman Year.....	67-70
	Work of Sophomore Year.....	70-72
	Work of Junior Year.....	73-76
	Work of Senior Year.....	76-80
BIBLE SCHOOL.....		81-87
SPECIAL PRE-MEDICAL COURSE.....		88-90
SCHOOL OF MUSIC.....		91-93
BURGESS HALL PREPARATORY SCHOOL:	Instructors, Organ- ization, Purpose, Admission, Classification, Examina- tions, Classes, Physical Exercise, Library and Reading Room, Contest in Declamation, Methods of Instruction, Courses of Study.....	94-104
CATALOGUE OF STUDENTS.....		105-112
ALUMNI.....		113-128
HONORARY DEGREES CONFERRED.....		129-130

COLLEGE CALENDAR.

1894-'95.

FALL TERM.

September	5..	Wednesday...	Entrance Examinations.
September	6..	Thursday	Registration of Students.
September	7..	Friday	Assignment of work.
September	8..	Saturday....	Instruction begins.
October	10..	Wednesday ..	Quarterly Meeting Board Directors.
November	15..	Thursday	Junior Class Prize Orations.
November	26..	Monday	Term Examinations begin.
November	28..	Wednesday...	Fall Term ends.

WINTER TERM.

December	4..	Tuesday	Registration of Students.
December	5..	Wednesday ..	Instruction begins.
December	11..	Tuesday	Oratorical Primary Contest.
December	22..	Saturday	Subjects of Theses for Degrees announced.
December	23..	Monday	Christmas Vacation begins.
January	2..	Wednesday ..	Christmas Vacation ends.
January	9..	Wednesday ..	Quarterly Meeting Board Directors.
February	7..	Thursday	Founders' Day.
February	22..	Friday	Washington's Birthday.
March	7..	Thursday	Term Examinations begin.
March	8..	Friday	Winter Term ends.

SPRING TERM.

March	14..Thursday	Registration of Students.
March	15..Friday	Instruction begins.
April	10..Wednesday ..	Quarterly Meeting Board Directors.
May	9..Thursday	Commencement Theses due.
May	30..Thursday	Decoration Day.
May	31..Friday	Sophomore Class Prize Orations.
May	31..Friday	Term Examinations begin.
June	1..Saturday	Physical Culture Exhibition.
June	2..Sunday	Baccalaureate Address.
June	3..Monday	Preparatory Department Prize Con- test in Oratory.
June	3..Monday	Entrance Examinations.
June	4..Tuesday	Term Examinations end.
June	4..Tuesday	Entrance Examinations.
June	5..Wednesday ..	Class Day Exercises.
June	5..Wednesday ..	Alumni Reunion.
June	5..Wednesday ..	Annual Meeting Board Directors.
June	6..Thursday	Thirty-ninth Annual Commencem't.
July	10..Wednesday ..	Quarterly Meeting Board Directors.

BOARD OF DIRECTORS.

Elected June, 1891.

ADDISON F. ARMSTRONG.....	KOKOMO,	IND.
ALONZO M. ATKINSON.....	WABASH,	“
BARZILLAI M. BLOUNT, A. M.....	IRVINGTON,	“
URBAN C. BREWER.....	DANVILLE,	“
HILTON U. BROWN, A. M.....	INDIANAPOLIS,	“
CHAUNCY BUTLER, A. B.....	“	“
HOWARD CALE, A. M.....	“	“
SIMEON FRAZIER.....	IRVINGTON,	“
JOSEPH I. IRWIN.....	COLUMBUS,	“
PATRICK H. JAMESON, M. D.....	INDIANAPOLIS,	“
JOHN C. MILLER, A. M.....	NINEVEH,	“
WILLIAM MULLENDORE, A. B.....	SOMERSET,	PA.
MARSHALL T. REEVES.....	COLUMBUS,	IND.
CHARLES E. THORNTON, A. B..	INDIANAPOLIS,	“

STANDING COMMITTEES.

<i>On Finance and Auditing,</i>		
P. H. JAMESON,	B. M. BLOUNT,	JOS. I. IRWIN.
<i>On Buildings, Grounds and Real Estate,</i>		
CHAUNCY BUTLER,	HOWARD CALE,	
B. M. BLOUNT,	HUGH T. MILLER.	
<i>On Library, Apparatus and Cabinet,</i>		
B. M. BLOUNT,	U. C. BREWER,	H. U. BROWN,
	D. C. BROWN.	
<i>On Judiciary and Claims,</i>		
C. E. THORNTON,	A. F. ARMSTRONG,	M. T. REEVES.
<i>On Faculty, Salaries and Condition of Schools,</i>		
J. C. MILLER,	HOWARD CALE,	H. U. BROWN.
<i>On Boarding Hall,</i>		
B. M. BLOUNT,	CHAUNCY BUTLER,	S. FRAZIER,
A. F. ARMSTRONG,	SCOT BUTLER.	

OFFICERS OF THE BOARD.

<i>President,</i>		
A. M. ATKINSON.....	WABASH,	IND.
<i>Secretary,</i>		
SIMEON FRAZIER.....	IRVINGTON,	“
<i>Treasurer,</i>		
SCOT BUTLER.....	“	“

FACULTY.

SCOT BUTLER, A. M., PRESIDENT,

Professor of Latin Language and Literature.

ALLEN R. BENTON, LL. D.,

Professor of Philosophy and Biblical Literature.

WILLIAM M. THRASHER, A. M.,

Professor of Mathematics.

HUGH C. GARVIN, A. M.,

Professor of Biblical Philology.

DEMARCHUS C. BROWN, A. M.,

Anderson Professor of Greek Language and Literature.

Demia Butler Professor of English Literature.

THOMAS M. IDEN, PH. M.,

Professor of Chemistry and Physics.

THOMAS C. HOWE, A. M.,

Armstrong Professor of Germanic Languages.

HUGH TH. MILLER, A. B.,

Professor of History and French.

HENRY L. BRUNER, A. M.,

Professor of Biology and Geology.

ARCHIBALD M. HALL, A. M., PH. D.,

Instructor in Hebrew.

FRANK F. HUTCHINS, M. D.,

Demonstrator of Anatomy.

JOHN D. NICHOLS, A. M., M. D.,

Instructor in Materia Medica and Therapeutics.

J. M. DUNGAN,

Director of the Department of Music.

HENRY T. MANN, B. S.,

Director of Physical Culture.

LIDA E. GILBERT,

*Teacher of Elocution and Director of Physical Culture
for Women.*

JENNIE A. HOWE, A. B.,

Assistant Instructor in German.

GEORGIA E. BUTLER, A. B.,

Assistant Instructor in Latin.

CHARLES E. STEVENS,

Assistant Instructor in German.

BURGESS HALL PREPARATORY SCHOOL.

OMAR WILSON, A. B.,

Principal.

MARY E. WILSON,

HENRY T. MANN, B. S.,

EVA M. JEFFRIES, A. B.,

Assistants.

D. C. BROWN, *Librarian.*

ELIZABETH D. LAYMAN, *Assistant Librarian.*

SUPERINTENDENT BOARDING HALL—P. O. UPDEGRAFF.

ORGANIZATION.

HISTORICAL SKETCH.

In the general conventions of the Christian churches of Indiana the founding of an institution of higher education first began to be discussed in the year 1841. A few years later a definite resolution committing them to this work was adopted. After a full canvass of the State in 1849, in order to ascertain the views of those interested in the undertaking, it was decided to build such an institution at Indianapolis, under the name of the Northwestern Christian University. A charter both liberal and comprehensive, and fitted to promote the purposes of its projectors, was obtained from the Legislature. This charter went into effect January 15, 1850, and the University was formally opened November 1, 1855. The charter provides for a joint-stock corporation, the shares of whose stock are fixed at \$100 each; on which, when paid up, or when interest on the same is regularly paid, the stockholder receives 6 per cent. per annum, payable in tuition. An amount of subscriptions sufficient for a beginning was received within about eighteen months, and then the commissioners, under the charter, proceeded to erect a substantial building and to organize the various departments and courses of study. In 1873 it was deter-

mined to remove to Irvington, and in 1875 instruction of the college classes was begun in the new location. This removal was prompted in part by financial considerations, for the real estate belonging to the University, having been included within the city limits, had greatly appreciated and the corporation, by putting it on the market as city lots, was able to increase largely its financial resources. It was felt, too, that a quiet suburb, withdrawn somewhat from the distractions of the city, would afford a more desirable place of residence for students. Experience has demonstrated the correctness of this view and the wisdom of the removal.

The change in the name of the institution was made February 28, 1877, after full deliberation by the Board of Directors. This change does not affect any chartered obligations of the corporation in respect to property or graduates, or its purposes, all of which have been determined by a legislative act and the recorded resolutions of the Board of Directors.

DIRECTORSHIP.

The general control of the affairs of the corporation is vested in a Board of Directors, consisting of fifteen members. These directors are chosen by vote of the stockholders from their number, a meeting for the purpose being held every third year at the University, at 2 o'clock P. M. of Commencement Day. A stockholder is entitled to one vote for each share of stock owned by him, and can vote in person or by proxy. Any stockholder is eligible to membership on the board. The

members of the board serve without pay. A newly elected board organizes by choosing a president, a secretary and a treasurer. The next election of directors will be held in the year 1894.

PRESENT FINANCIAL CONDITION.

The financial resources of the institution are ample for all work so far undertaken. The property of the corporation is in a highly satisfactory shape, and its endowment is kept well invested, yielding an assured income. The affairs of the University are in the hands of a Board of Directors devoted to its interests, wise and conservative in all their views, and thorough and prudent in the administration of the trust committed to them. But the demands made upon an institution of learning at the present day are greater than ever before. The University is insufficiently endowed to meet these demands, and it is hoped that the same generous spirit which created and has hitherto sustained it will remain with it and provide for its continued development. The books of the corporation still remain open for subscriptions to stock.

EDUCATIONAL PURPOSE.

The paramount purpose of the founders of the University was to build up an institution of the amplest range of culture and one which should embody also certain liberal, catholic, christian ideas which had found no emphatic recognition in then existing educational institutions. It was an attempt to put into durable and

forceful activity ideas vital to social and civil progress. The wisdom of these purposes has been fully vindicated by the march of events and by the progress of public sentiment with respect to most of the ideas to which the founders sought to give prominence.

RELIGIOUS INFLUENCES.

The purpose of the founders of the University, as expressed in its act of incorporation, was "to establish an institution of learning for the education of the youth" and "to teach and inculcate the Christian faith and Christian morality as taught in the sacred Scriptures." Bible instruction is made a part of all undergraduate courses of study, and besides this general instruction, which is intended for all students, a theological department is conducted for the benefit of intending ministers of the gospel, which see on another page. Attendance at daily morning prayers in the college chapel and at services on Lord's day is compulsory. The University has always been religious in spirit; by the terms of its charter it must always be so. The plan of education proposed in its founding was not limited to scientific and literary and æsthetic culture, but recognizing the spiritual needs of man's nature, it included the religious element.

HIGHER EDUCATION OF WOMEN.

From the first opening of the University women have been admitted on the same terms as men. No

special courses of study are provided for them, they pursue the same lines of work and are instructed in the same classes, except in physical training, with the young men. But co-education is not intended to be conducted on the idea that men and women are just alike. While it is assumed that the same mental training is good for both, and that both may receive important benefit from association in class-room work, it is held that in matters of general welfare and deportment and in the way of special direction and advice, young women should be placed in charge of one of their own sex. It is regarded as in every way desirable that while in College they should be brought directly under the influence, and be subject to the direction, of a woman of high character, attainments and social position who should associate with them, give suggestions and counsel, and act towards them at all times as friend and adviser. Provision has therefore been made, in the organization of the faculty, that the young women in attendance at the University shall have the benefit of such supervision.

FACILITIES FOR SELF-SUPPORT BY STUDENTS.

The College desires in every way to encourage students of limited means, but it does not invite the attendance of those who are entirely without means of support. It can not undertake to furnish employment to students. Nevertheless many young men studying for the ministry here support themselves either wholly or in part

by preaching in neighboring towns. All parts of the state are within easy reach of Irvington, so that Sunday services at a distance need not interfere with the regular duties of the student. This employment, however, must be secured mainly through the student's own exertions. The College can not stand pledged to secure it for any; every such student must depend on his own ability, industry and perseverance.

PECUNIARY ASSISTANCE TO STUDENTS.

Frequent letters come to the office of the University from young persons desirous of obtaining an education inquiring as to what assistance can be afforded students who are without the necessary means of support. To such, unfortunately our answers can not be encouraging. The College has the merest beginning of a students' aid fund, and yet the good that might be accomplished by the judicious expenditure of even a comparatively limited amount of money in affording assistance to deserving young men and women is not to be estimated. In behalf of those young men and women whom a little assistance will enable to take positions of commanding influence in the church and in society, the attention of philanthropic people is called to the good that in this way their means can be made to accomplish. The directors will gladly receive and faithfully administer any endowment that may be placed in their hands for this purpose.

CHRISTIAN ASSOCIATIONS.

The Young Men's Christian Association and the Young Women's Christian Association are voluntary organizations of students and professors for the promotion of religious culture and for Christian work in College. Their members are sincere and energetic, and always extend to new students a very cordial welcome. The two associations hold a joint prayer-meeting every Sunday evening, thus greatly assisting in maintaining Christian zeal among the students. A committee from each of these associations is in attendance during the first week of the fall term for the purpose of assisting those entering college, with information in regard to rooms, board, etc., and in general to afford any assistance in their power, which students who are strangers in Irvington may feel inclined to seek from them. The Y. M. C. A. and the Y. W. C. A. unite in a social given at the beginning of each term, to which all students are invited. This affords opportunity for old students to welcome new, and for all to cultivate more intimate acquaintance. All students who are church members are eligible to active membership in these associations. Students not identified with any church may become associate members.

BUTLER COLLEGIAN.

At the close of each college session, material for the editorial staff of *The Collegian* is chosen from among the classes of the University as follows: from the Fresh-

man class, two members; from the Sophomore, three; and from the Junior, four. The body, thus chosen, organizes by selecting from its number an editor-in-chief and business manager. The chief editor then assigns the associate editors to their proper places. For the past year, the editorial staff of *The Collegian* has been as follows:

ANNA CHARLOTTE STOVER, '94, Editor-in-Chief.

C. W. CULBERTSON, '96, Assistant.

J. E. HOLLETT, '97, }
E. H. BURFORD, '97, } Business Managers.

ASSOCIATE EDITORS.

EDITH D. SURBEY, '94.

C. A. RILEY, '94.

ROSE ELLIOTT, '94.

MARY BEMIS GALVIN, '94.

J. B. WILLIAMS, '96.

H. NELL BREVOORT, '95.

EDGAR FORSYTH, '95.

A. H. SOMERVILLE, '96.

ROSE MCNEAL, '95.

LETITIA NEWCOMB, '91.

The Collegian is furnished to all students of the University on application without charge. Students and graduates are cordially invited to contribute illustrations, articles, verses, letters and information.

OTHER STUDENT ORGANIZATIONS.

Among the voluntary student associations connected with the College may be mentioned the literary societies, an oratorical association, consisting of those interested in the State and the Inter-state oratorical contests, an athletic association for the promotion of field sports—foot-ball and base-ball, etc. All these are use-

ful in their several ways and add much to the interest of college life. The literary societies have been the means of much good in the past. They are accommodated with well-furnished and attractive rooms. They hold weekly meetings at which their members present essays, orations and discussions and become familiar with parliamentary rules.

ORATORICAL ASSOCIATION.

Seven colleges, of which this institution is one, compose the Indiana State Oratorical Association. The local association is composed of members of the college classes. The object of this association is to advance oratory by encouraging students to write and deliver orations. Preliminary contests are held annually, near the close of the second term, to decide upon a representative for the State contests. Contestants are judged on thought, composition and delivery. Three judges are selected by the faculty on thought and composition, while the association elects three other outside judges on delivery. The contestant receiving the highest average awarded by the judges represents the college at the State contest, held on the second Friday in March, at Indianapolis. If the contestant be successful there he represents the State of Indiana in the Inter-state contest, composed of ten western states. The work done in this department has proved very beneficial to those who take part, as well as an advancement of interest in oratory in the college.

The representative of the College this year (1894) was Miss Georgia Galvin. The officers of the association are: President, John E. Hollett; vice-president, Miss Brevoort; secretary, Miss McNeal; treasurer, Jesse Williams.

THE ATHLETIC ASSOCIATION.

The University has a regularly organized athletic association for the promotion of foot-ball, base-ball, tennis and other field sports. Any professor, alumnus, or student of the University may become a member of the association by subscribing to the constitution and paying the membership fee of seventy-five cents per year.

Each department of athletics is governed by a manager who is elected by the association. An advisory board of athletic control, consisting of the president, vice-president and secretary of the association, and two members of the faculty, who are chosen by that body, have the general supervision and control of the athletic interests of the institution. An annual field day is held each spring, the events including all kinds of track and field athletics. There are also two tennis tournaments each year, one in the spring and one in the fall term, the winner of the fall tournament playing the winner of the spring tournament for the medal which is worn by the victor until the following spring. All members of teams and all contestants in athletic games and tennis tournaments of the association must be members of the association.

The rules of the Inter-Collegiate Foot-Ball Association, National Base-Ball Association, Amateur Athletic Association, and American Lawn Tennis Association govern the contests.

The present officers of the association are: John S. Butler, president; Ed E. Parker, vice-president; Merle Sidener, secretary and treasurer. The two members of the faculty on the advisory board of athletic control are, Prof. Demarchus C. Brown and Prof. Hugh Th. Miller.

GYMNASIUM PRACTICE.

Regular exercise in gymnastics is provided as a means of health and is supervised by a competent instructor. This exercise is required of students of the lower classes but is optional with Seniors. It is entered into with much enthusiasm by the students, and is found highly beneficial to them.

LITERARY AND MUSICAL ADVANTAGES.

The location of the College in the immediate vicinity of Indianapolis makes it possible for students to hear the best lecturers and singers, various organizations in the city offering every winter valuable courses of entertainments. Because these advantages are thus offered and are so far superior to anything that a college could secure, the faculty does not find it necessary to make unusual provision for such entertainments.

POPULAR LECTURES.

A marked feature of the past college year has been the Monday morning lectures in chapel, given for the most part by representative public men of Indianapolis. These friends, being interested in young people and in college work, have addressed the students on popular and practical themes, and their talks and addresses have excited lively interest, and have been found in many ways helpful, relieving the monotony of college life and suggesting fresh subjects of thought. The following is a partial list of the friends who have thus favored the college during the past year:

Rev. G. L. Mackintosh, Pastor Fourth Presbyterian Church.

Rev. D. R. Lucas, Pastor Central Christian Church.
Superintendent Lewis H. Jones, City Schools.

Rev. Matthias L. Haines, Pastor First Presbyterian Church.

Mrs. May Wright Sewall, Indianapolis Girls' Classical School.

Mme. Hanni Korani, Bei Rût, Syria.

Rev. J. H. Garrison, Editor *Christian Evangelist*, St. Louis, Mo.

Hon. W. P. Fishback.

Superintendent R. O. Johnson, Indiana Institute for Deaf and Dumb.

Samuel Merrill, ex-U. S. Consul-General to India.

Superintendent E. E. Griffith, Indiana Institute for the Blind.

Rev. G. A. Carstensen, Pastor St. Paul's Episcopal Church.

Hon. John A. Finch.

Gov. Claude Matthews.

Meredith Nicholson.

OPTIONAL AND SPECIAL STUDIES.

Students not candidates for a degree may pursue an optional course, provided their proficiency is equivalent to that required of students admitted to one of the general courses. Special students of approved character, maturity and attainments are admitted for a limited period without examination on recommendation of some member of the faculty under whom a large part of their work is to be taken. It is desired, however, that it be distinctly understood that for the two classes of students herein named special arrangements as to terms and subjects can not be made. Such students must in all cases adapt themselves to the arrangements provided for students pursuing regular courses of study.

GRADUATE STUDENTS.

For purposes of advanced study the College extends its privileges to its own graduates and to graduates from other colleges of like standing, and it confers advanced degrees under conditions described elsewhere. Graduate students who are not candidates for a degree are also received.

MEMORIAL GIFTS.

The Board of Directors would encourage gifts in the form of endowments of various chairs of instruction. The sum of \$20,000 to \$30,000 subscribed in stock will secure to the subscriber the privilege of conferring a name on the chair so endowed and of nominating an incumbent, subject to the approval of the board. Smaller amounts can be devoted to equally useful purposes. Subscriptions of \$1,000 to \$5,000 can be devoted to the founding of scholarships for the benefit of deserving young people who stand in need of assistance, and of prizes for the reward and encouragement of the ambitious. These scholarships would be awarded worthy students on competitive examinations and the recipients expected to assume some work as assistant instructors, thus rendering the faculty valuable and much needed help.

LOCATION AND BUILDINGS.

LOCATION.

The College is located at Irvington, a pleasant and healthful residence suburb of Indianapolis, from which city it is distant four miles, and with which it is connected by two railroads—the Pittsburgh, Cincinnati and St. Louis and the Cincinnati, Hamilton and Indianapolis, and also by electric street cars, making quick trips every thirteen minutes. It is thus easily accessible from all parts of the country. It can be reached from any part of the state within a few hours. Irvington is regarded as the most attractive place for suburban residence in the vicinity of Indianapolis. Its population consists chiefly of those who have been drawn thither by educational inducements. This gives it a special character of cultivation and good order, while as a home for students it is singularly free from the temptations and dangers often surrounding college life. There are no drinking saloons in the town or in its vicinity. However, the College does not offer itself as a reformatory institution, and it will not suffer the attendance of the wayward or idle. Its facilities are offered to those only who earnestly desire mental improvement.

COLLEGE BUILDING.

The main college building is of brick, trimmed with stone, having a frontage of 135 feet and a depth of 75 feet, containing in all twenty-four recitation rooms, besides halls, corridors, cloak and retiring rooms. It is heated throughout by steam, supplied with water and lighted by electricity; and in its internal finish and arrangements thoroughly suited to the purposes for which it was designed. For convenience, commodiousness and comfort it is all that could be desired.

BURGESS HALL.

This building, named in honor of the late President O. A. Burgess, is three stories high, constructed of brick and trimmed with stone. It has a frontage of 100 feet and a depth of 55 feet. It contains six commodious recitation rooms, a large chapel, two music rooms and the library and reading rooms. The architecture is modern and exceedingly attractive, and all its appointments are well adapted to the uses for which the building was designed. The classes of the Preparatory Department are now taught in this building, by experienced educators, and, under the present efficient organization, superior advantages are offered to students preparing for college.

ASTRONOMICAL OBSERVATORY.

An observatory building has been erected on the high ground in the northeast corner of the Campus. In its

construction are embodied whatever conveniences are necessary for the efficient use of the equatorial telescope. The building is octagonal, resting on a deep foundation, sided externally with sheet iron, and having a revolving dome, with sliding panel, giving unobstructed sky-view from horizon to zenith. The instrument rests on a pedestal, which stands on a column of brick and stone, which is protected from the effects of external temperature changes by a detached inclosing cylinder of the same material. The telescope is equatorially mounted by Fauth & Co., of Washington, with the usual adjuncts of declination and hour circles, and clock-work for diurnal rotation. The object glass of six inches diameter was made by the firm of Alvin Clark & Sons, of Boston, and, with the half dozen eye pieces, gives a perfection of work which does no discredit to the firm from which it emanated. The focal distance of object glass is eight feet, and the magnifying power of the instrument ranges from seventy to five hundred diameters. The performance of the telescope, so far as tried here, has been very satisfactory. A large number of tolerably difficult double stars and nebulae have been tried with the highest power and with good success. With the planets and satellites the lower powers, as usual, give the best results, including excellent definition.

BOARDING HALL FOR WOMEN STUDENTS.

This is a tastefully and substantially constructed brick building, three stories high, containing large par-

lors, spacious dining room, wide halls and thirty well ventilated rooms for young women. It is provided throughout with steam heat and electric lights. The entire building has been refitted and handsomely refurnished throughout. Young women here find a comfortable home, with pleasant surroundings and Christian influences, at a moderate price. They are expected to avail themselves of this opportunity. Especial attention is given in case of sickness. Everything necessary is furnished except napkins and towels. Price of board and room ranges from \$3 to \$3.50 per week, according to location of room.

BOARD FOR YOUNG MEN.

Young men lodging elsewhere may take their meals at the Hall. Table board will be furnished at \$2.50 per week. For further information, address the Superintendent.

LIBRARY.

The University library contains about six thousand volumes, chosen for the most part with special reference to the needs of students. Each department is furnished with all the more important books pertaining to its work, and each year additions are made of the latest and best works in Science, Literature and Art. The cyclopedias, maps, lexicons, and the manuals of special sciences, are numerous and of the latest results in research. These afford students ample means of reference in their class studies and are sufficient for spe-

cial or graduate courses of study. The reading room connected with the library is spacious and well lighted. It receives regularly the best publications, weeklies, monthlies and quarterlies, of this country and Europe. The advantages of the library and reading room are open alike to all classes of students in the University.

MUSEUM.

In the collections of the University there is abundant material for illustrating the sciences of Zoology, Mineralogy and Geology. Some of the materials have been obtained by purchase, some have been contributed by the friends of the institution and some by the National Museum, while a considerable portion has been collected by the professors who have occupied the chair of Natural History. The museum contains the following collections:

1. A series of fossils and rocks illustrating the geology of the Mississippi Valley, especially that of Indiana and Ohio.
2. A collection of the fresh water fishes of the United States, made principally by Drs. D. S. Jordan and O. P. Hay.
3. A contribution of marine fishes received from the United States National Museum.
4. A collection of reptiles and amphibians made by Dr. Hay.
5. A large collection of representative minerals.
6. A collection of land, fresh-water and marine shells, including about four thousand specimens.

7. A considerable number of aboriginal stone implements from the United States.

8. A collection of marine invertebrates, mainly from the New England coast, deposited by Prof. Bruner.

Contributions have recently been received from the following: C. E. Garst, Shonai, Japan; J. C. Smith, Irvington, Ind.; M. A. Collins, Indianapolis; E. L. Roberts, Texas; Ira B. Shrader, Jeffersonville, Ind.

The National Museum has also presented a valuable collection of marine invertebrates from the Atlantic, Gulf and Pacific coasts, including one hundred and thirty species.

During the past year the museum has been moved from the main building to Burgess Hall, where it occupies the old gymnasium room on the third floor. A number of new cases have been built, which will furnish better accommodations for the material on hand, and make room for additions. It is hoped that our friends will assist in increasing the collection as they may be able to do so.

CHEMICAL LABORATORY.

The laboratory is well furnished for work, being conveniently arranged and supplied with gas, water, hoods, means of ventilation, and all necessary chemicals and apparatus for work in all branches of the science provided for in the course of study. To each student is assigned his own desk with separate outfit of apparatus and chemicals. No charge is made for the use of

chemicals, but students will be required to pay for all apparatus actually broken or injured.

The new laboratory is in Burgess Hall. It is larger and much better equipped than the old one. It has accommodations for forty students.

BIOLOGICAL LABORATORY.

The laboratory is well equipped to meet the demands of recent Biological teaching. Students are assigned permanent desks and are provided with all the materials, reagents and instruments used in this work excepting a case of instruments, pencils, paper, etc. No laboratory fees are charged, but the student is expected to pay for slides and covers used, and for broken or injured apparatus.

Among recent additions to the equipment may be mentioned six Reichert microscopes, which, with those already on hand, make a total of fifteen instruments.

THE GYMNASIUM BUILDING.

This structure has been designed and built for two especial purposes—one, to provide suitable quarters for physical culture; the other, to accommodate the boilers, engine and dynamos for warming and lighting the buildings and lighting the College grounds. This building is of deep-red brick trimmed with buff limestone, and is supported upon a massive stone foundation. The roof is trussed and covered with black slate. Within, on the east side, are the great boilers, from

which all the buildings obtain their heat and the engine-room its power for generating the electric light. Everything connected with this new heating and lighting plant has received the most careful study and attention, and the apparatus and machinery selected are of the latest and most approved patterns.

The gymnasium is immediately in the rear of the above, and though externally a part of it, is entirely a structure of itself. The entrance is from the north through a large archway into an outer vestibule, through this to an inner vestibule, thence into the large hall 35 feet wide by 58 feet long and 18 feet deep, well lighted and ventilated.

At the north end of the building are the bath-rooms. Shower-baths and washstands are provided with fittings for hot and cold water and valves for regulating the temperature. The floors are encaustic tile, with marble base border; the walls are wainscoted with yellow pine, finished to show the natural wood. The large hall is finished in yellow pine; the floor is double finished with hard oak. New sanitary fittings have also been added, so that the whole is one of the most complete buildings of its kind.

The gymnasium is furnished with the most important modern apparatus and equipped with all kinds of special machinery used in individual work to overcome deformities and physical weaknesses.

DEPARTMENTS OF INSTRUCTION.

THE BIBLE.

The educational purposes of the University, by the terms of its organic law, are made to include religious instruction. Its charter expressly declares that one of the objects for which the institution is founded is "to teach and inculcate the Christian faith and Christian morality as taught in the sacred Scriptures;" and it was intended that this instruction should be not sectarian nor even denominational, but broad, catholic and philanthropic as Christianity itself. In pursuance of this purpose the Bible is adopted as a text-book, and a regular course of study in it is prescribed as one of the conditions of graduation. Instruction is by carefully prepared lectures, students being required to study with care those portions of Scripture embraced in the lectures.

The scope of the work attempted in Bible instruction may be indicated by the following outline: (1) In the Old Testament: the Pentateuch, Joshua, Judges, the books of Samuel and other selected portions. (2) In the New Testament: the Gospels, the Book of Acts, the Epistles. In the study of the Gospels it is the aim to present a connected view of the events of the life of Christ in their orderly development, and also a compre-

hensive outline of His teaching. The study of the Book of Acts familiarizes the student with the establishment and growth of the church in the Apostolic age. The Epistles are taught by giving an introductory account of the purposes for which each epistle was written, and one epistle, usually the Roman letter, is made the subject of careful study, by analyzing its contents and its course of reasoning.

PHILOSOPHY.

Psychology.—Instruction is given by lectures and textbook. The lectures are designed to introduce new topics not treated in the text or to give more ample discussion to subjects but partially treated by the author. Class discussions are encouraged, and essays on selected subjects are required. The University library is well supplied with the best authors on this subject.

Logic.—The laws of pure thought are carefully analyzed, the principles of deductive and inductive reasoning fully explained; and almost daily praxis in application of the principles and methods of the science; thus the student gains a quick perception of relations and a ready application of principles to any form of thought.

History of Philosophy.—A full outline of the subject and the progress of philosophical thought is given in a course of lectures covering the period from the origin of philosophy in Greece to the time of the Reformation, and introducing the student to the essential principles of the French, German, English and Scotch schools of philosophy, with criticism on their validity and their

value. Each student is assigned a subject for investigation and is required to present a thesis to be read before the class.

CIVICS.

The purpose of this department of instruction is to give to students preparing for business life or for the legal profession such practical and disciplinary studies as shall form a fitting introduction to more advanced professional study. The following will serve to indicate the scope of the work offered, which is carried on through two years:

Political Economy in such works as Walker's or Ely's, with constant reference to social questions.

American Government, the study of our government through its periods of the colonies, continental congress, confederation, and establishment of our present constitution will be presented in lectures, after which a careful analysis of the Constitution of the United States is made.

International Law is studied in such works as Woolsey's or Gallaudet's with such references to larger works as time will permit.

Roman Law, its origin, its growth and its fundamental principles.

The Feudal System, its rise and decline and the establishment of European monarchies.

Ancient Law, philosophy of forms and principles will be discussed. Reference to such works as those of Sir Henry Maine, Montesquieu and Coulanges.

MATHEMATICS.

This department aims to secure (1) general intellectual discipline, and (2) the particular training and knowledge necessary for the needs of life and possible future mathematical work.

To secure the first result the student, while pursuing any branch, will be required to show evidence of clear comprehension of terms and processes of reasoning; to give, with fullness, the steps leading to conclusions, with the authority for statements made. Terms and processes will be classified, when possible, both for disciplinary and mnemonic reasons, both principles and formulæ being thus appropriately disposed, ready for instant use.

The utility of principles, both for general explanation and solution of specific problems, will be illustrated by numerous original examples.

The future needs of the student in higher and special mathematical work will be, so far as possible, provided for by a continued recurrence to those principles in the lower mathematics which have the widest application in after work.

The possible elections of the last three years of the course will, it is hoped, lay an excellent foundation for any higher study in mathematical lines to which the student may be inclined.

For advanced work in Algebra, Analytics, Functions, Modern Algebra and Geometry, Mechanics, Determinants, Astronomy, etc., the college library is well

equipped with the best books of reference in the English, French and German languages.

LATIN.

The aim of the work in Latin is:

(1) To teach the student of fair ability and industry to read Latin understandingly and rapidly. In order to the attainment of this end, during the earlier part of the course special attention is given to forms, constructions and idioms. The reading of authors is accompanied with careful solution of whatever grammatical questions the text may present. The principal part of the syntactical instruction, however, is given through exercises in Latin writing, such exercises being associated daily with the regular work in reading and translating Latin authors. Latin composition is practiced as a means, experience having shown it to be the most effectual, for gaining an insight into the structure, idiom and spirit of the language.

(2) To make the student acquainted with the literature of the language. This is accomplished by reading considerable portions of the more important authors and by the formal study of the history of Roman literature.

(3) To afford opportunity for acquaintance with Roman public and private life. To this end collateral reading in Roman history is assigned, together with the study of the archæology of Roman life, social and political.

(4) To prepare students to become instructors in Latin. In order to meet the requirements of such there

will be given when desired a year's course in review of the authors usually read in secondary schools, attention being directed to the chief points deserving emphasis in the teaching of these authors. Such questions as pronunciation, methods of teaching the elements of the language, etc., will be discussed, the object being to enable such as intend to teach to enter upon their work intelligently.

Ministerial students, in the later years of the course, will read from the Church Fathers, for details regarding which see page 81 of this catalogue.

Graduate courses in Latin are offered students having taken Latin through all the years of the undergraduate course, to whom only are such courses open.

GREEK DEPARTMENT.

The aims of this department are:

(1) Discipline. An accurate knowledge of the forms will be insisted upon, particularly in the first years of work. Grammatical points and idiomatic expressions will be discussed in the class. This will be done by the writing of Greek prose as well as from the author read. A thorough familiarity with the forms and the principles of syntax results in mental training.

(2) A knowledge of the literature, history and mythology of the Greeks. It is the purpose to reach this by the reading of authors from Homer to Lucian. The main point will be the study of the literary merits of the author read, together with a careful investigation

into the conditions under which he wrote and the times in which he lived. It is hoped thus to have courses in reading covering the epic poets, the tragedians, the comedians, the orators and the historians. History will be studied by the assignment of periods to individual students to be reported upon before the class. The lives of generals and statesmen will be assigned in the same way. The instructor will, by means of photographs and lectures, present the latest discoveries in archæology.

(3) The preparation of teachers of Greek. Special attention will be given such students, particularly in the Junior and Senior years. The more difficult points in Greek Grammar will be examined. Graduate courses will be arranged for students who elect Greek in the Junior and Senior years, to whom only are such courses open.

Instruction in Modern Greek will be a feature in the elective classes hereafter. Modern Greek fiction, poetry and history will be read.

ENGLISH LITERATURE.

The English course extends through the four College years. Since, whatever a man's vocation may be, he should possess active literary interests for his instruction and enjoyment, the intention of this department is to develop in the student a critical appreciation of the best in English thought.

The history has two important purposes: First, to show the development of English institutions, and

thereby give a truer understanding of the spirit of American institutions; second, to give an intelligent basis for the study of biography and literature.

Compositions are assigned—one long one in each term and frequently several short ones—to train the student in correct expression, and especially in clear thinking, and the best selection and collocation of ideas. The exercises are in different kinds of composition, as narration, description, exposition, and especially on various kinds of subjects—historical, biographical and literary.

The Rhetoric of the Junior year is to give further instruction in the general principles of *style*, and in the various procedures involved in finding, sifting and ordering the material of discourse. This affects the student's own work, and his judgments of the writings of others.

The effort, previous to the Junior year, is to give judicious methods of studying literary compositions—poems in particular—and to cultivate an appreciation of their beauties. In this year is taught criticism of prose style by the examination of five distinguished authors.

In the fall term of the Senior year there is a critical study of the three greatest English poets. After this introduction to *belles-lettres*, follows a cursory view of the development of English thought and style, and a short study of prose fiction.

The new elective course in the analysis of orations is meant especially for students expecting to become public speakers, and for graduates.

Graduate degrees in this department are open only to students that have taken Senior English.

GERMAN.

The primary aim of the course in German is to secure to the student such knowledge of the principles and vocabulary of the language as will enable him to read an ordinary work without the aid of grammar or dictionary. It is not thought best to devote any considerable amount of the regular class time to conversation, since the speaking use of the language is only a secondary aim. With an extensive vocabulary and a thorough knowledge of the principles of the grammar at his command, the student possesses the surest means of acquiring fluency in speaking when brought in contact with native Germans. However, conversation practice is not neglected, such exercises being conducted throughout the course at the discretion of the instructor in charge.

During the entire course of six years, the work will be confined entirely to the study of New High German. Students desiring to do work in Gothic, Old or Middle High German, will be afforded the opportunity for doing so, but such work can not take the place of any part of the regular six years' course, and can not be taken up until the conclusion of the same.

Much attention will be devoted to word-analysis and to the study of the affixes and their functions, the aim being to quicken the student's observation and perception of forms. During the first two years the use of

dictionaries is not allowed, since it is desired that the student form the habit of learning well the vocabularies given by the teacher. Fully one-half of the time of the first four years will be devoted to composition, and frequent reviews will serve to fix in the student's mind the forms and expressions thus used. The material for composition will consist not only of that given in the composition books, but also of that furnished by the instructor, and formed from the texts used in reading.

The translation of the German into English is regarded as a most valuable means of training the student in his own language, particularly in the precise use of words. To this end, careless translations will not be tolerated, and after care has been taken to ascertain if the meaning in German is thoroughly understood, a smooth, idiomatic English rendering of the passage in question will be required. Experience has shown that there is perhaps no more certain means of training the student in English expression than by requiring of him careful and exact translations from other languages.

The last two years of the course will be devoted to the study of the history of the literature, together with reading of the representative authors, both in and out of class. This work will not be confined to any one text-book, but will be somewhat topical in nature, for which the libraries of the college and of the professors of the department will be at the command of the student.

FRENCH.

Instruction in the department of French is for the purpose of giving the student a reading knowledge of the language, familiarity with its idioms and syntax, an acquaintance with its origin, history and literature, and an understanding of contemporary life and events in France.

The reading and translation of connected prose and verse are commenced so soon as possible. Grammatical forms are studied in the text and separately, and exercise in translation from English into French is used to fix idioms and constructions in the memory. Texts read in class are ordinarily used as the basis for such exercise.

Etymologies of French words derived from the Latin and of English words derived from the French are studied in order to attain a clearer comprehension of the sources, structure and significance of the French and the English word, as well as for the purpose of giving training in the principles of philology.

After the introductory reading of the first year, the work is so arranged as to afford a systematic review of the literary history of France. Masterpieces of the authors of each period are read and discussed in connection with studies of the literary tendencies and social and political conditions of that period.

Modern French life and institutions, as set forth in the criticism, the periodicals and the theater of the present are considered, and a general knowledge of current events and contemporary politics is insisted upon.

GEOLOGY.

The work offered in Geology consists of a continuous course through the year. It is the aim to present that which is most interesting to the student and at the same time most valuable to the average citizen. Crystallography is made the starting point of the course and lays a foundation for Mineralogy. In both of these it is expected that the student will become familiar with the more common forms. Lithology is then taken up and the more abundant rocks are studied with care. The museum collections furnish sufficient material for illustration and study.

In Geology proper a beginning is made by a consideration of the dynamical agencies now at work on the earth's surface. The early history of the globe is then sketched, and afterwards the geological development of the North American Continent is reviewed with special attention to details in the United States. The history of the earth and its inhabitants is viewed as one development—the expression of one plan which reached its culmination in man.

Among special topics which are treated somewhat fully may be mentioned earthquakes, geysers, coral reefs and islands, glaciers, metamorphism, and the origin and distribution of ores, coal, oil and gas.

Occasional excursions are made to points of interest, Geological sections and maps are made and the textbook is still further supplemented by reference to current literature.

BIOLOGY.

This department aims to furnish (1) liberal education in Biology, (2) preparation for teaching, investigation or medical studies.

The work of the Freshman year is intended partly to meet the demands of liberal education and partly to furnish a foundation for more advanced work in the Sophomore and Junior years. The election offered in the Senior year is for the special student. In the beginning of the course the student is brought face to face with Nature, whom he is taught to observe and to regard as the chief source of information. Special attention is directed to the significance of the facts observed. General principles are emphasized and all the most important physiological processes and types of structure are illustrated by selected species. Discipline is afforded by the constant use of the inductive process, by the practice of accurate methods, by thorough study of a few types and by familiarity with the precise terms of science. An effort is made to develop a love of truth for its own sake, without which no education can be truly liberal, and with which no degree of technical training can make a man narrow.

As a preparation for advanced Biological work particular attention is given to instruments and methods. The use of the microscope and of the various micro-chemical reagents, methods of mounting and of making measurements and drawings are made familiar to the student during the Freshman year. With the

study of Vertebrate Anatomy, injections and anatomical methods are added to the above; the preparation of microscopic material, killing, hardening, embedding, etc., and cutting sections with the microtome are a part of the Junior work. By means of the election of the Senior year, also, the student may train himself in the direction of future work.

Subjects related to the studies in hand and others of special importance are brought to the attention of advanced classes by lectures or by reports from students appointed for the purpose. The laboratory is provided with its own working library, which is accessible to students at usual hours.

PHYSICS.

The course in Physics extends through one year. With the requirement of one-half year in the elements for admission, this gives opportunity for tolerably advanced work. Although no individual laboratory work is done, the recitations and lectures are well illustrated by experiments designed to show the methods of reasoning by which physical laws are established.

It is the purpose of the course to enable the student to understand the application of the theories and principles of the science to the construction and running of machinery, the making of scientific instruments, to various purposes in the arts, etc.

Much attention is paid to the solution of problems. To do the work satisfactorily students need to have studied mathematics through Plane Trigonometry.

Subjects are studied in the following order: Mechanics, Heat, Sound, Light, Magnetism and Electricity.

For students pursuing distinctively scientific courses, a more radical treatment of statics and dynamics by the aid of the differential and integral calculus is provided.

CHEMISTRY.

This whole course is designed to illustrate the general laws of chemical science in a comprehensive and practical way. The aim is to lead the student not only to observe and to become familiar with the fundamental facts of chemistry, but also to understand, as far as possible, the proper connection between observed facts and phenomena and the laws and principles of the science, so that discipline of mind as well as scientific and practical knowledge may be acquired. To these ends the Department of Chemistry aims to present the study in a scientific way—to develop the subject by a carefully ordered series of lectures and experiments illustrative of the laws and principles of chemistry as well as of the properties and conduct of the particular element studied.

From the first, students supplement the work of textbook and lecture-room with individual work in the laboratory, performing such experiments as will make them at once familiar with the use of apparatus and the observation of chemical phenomena in general. This work is done under the supervision and direction of the professor, each student making careful notes of the

results of his work. Much attention is given to writing chemical reactions and making chemical calculations.

After students are well grounded in the facts and laws of the science in general, the aim is to give much practical work in the detection of bases and acids, the analysis of salts, alloys and ores, in both gravimetric and volumetric methods of quantitative analysis, in the examination of waters, dairy products, urine, etc., and in the detection of poisons. Students intending to take a course in medicine are permitted to modify their work with reference to their special needs, as far as the wishes of the class and the time of the instructor will permit.

In organic chemistry the derivation of the various classes of organic compounds from the simple hydrocarbons is systematically considered. Much attention is given to the theory of structural formulæ, stereochemistry and kindred subjects. Laboratory work in the preparation of typical organic compounds is carried on: practice is given in the principal methods and manipulations of organic work, in distillation, melting point determinations, in purification of solids by fractional crystallization, in organic analysis by combustions, etc.

HISTORY.

Work in the department of history is intended to serve several purposes. A primary object is to obtain an insight into the origins and development of modern civilization, as well as an understanding of the causes, meaning and results of the great crises of history. The student is required to look beyond mere facts to

the motives and spirit of the age and the nation, to study social conditions, religious movements and political principles. Original investigation is encouraged and independent judgment of disputed questions is required.

The study of the growth of modern Europe, its governments and institutions, from mediæval states and society is intended to show the sources from which the American nation and constitution have sprung, and to help to an understanding of current events abroad. A further aim is to give to the student that breadth of sympathy and judgment that come from a comprehension of the development and relations of peoples, literatures and ideas.

ELOCUTION AND ORATORY.

The work in the department of Elocution includes the study and practice of skillful respiration, a knowledge of physical culture as a factor in elocutionary studies, vocalization, orthoepy, orthophony, modulation, inflection, gesture, and all the vocal and visible signs required in correctness of speech and refinement of manner. Also drill in analysis and synthesis of extracts from literary productions.

Oratory commences with the Freshman year. Special attention is given to its purpose, its forms and the elements of its power—the study and analysis of extracts from British, American, Greek and Latin orations, committing and delivering short passages, making a

paraphrase of the same, original orations, extemporaneous addresses.

Sophomore year continues the study of orations, written and critical analysis of them, transposition, impromptu and extemporaneous addresses, and original orations.

PHYSICAL CULTURE.

The work in physical culture is based upon careful physical examinations made by the Director, at the beginning of each term. All examinations are recorded and, according to these records, each student is given exercises which specially tend to develop him in the weak parts, so that he may become a physically symmetrical man. To this work the student is required to devote a few minutes' time each day.

Class exercise is also held to be beneficial; in this all students enrolled engage, more general exercises, of which every one should be capable, being used. Military drill, free-hand, dumb-bell, Indian club exercises, work on gymnastic apparatus, with which we are sufficiently supplied for present needs, and gymnastic games are features of class work.

All exercises are taken under, and in the presence of the Director, or some competent assistant, in whose absence the gymnasium is closed. Dangerous exercises are not encouraged, since the department does not aim to develop athletes. All students, except Juniors and Seniors, unless debarred by some physical disability, for which a certificate from some competent physician

must be presented, are required to spend at least two hours per week in class or special exercises in this department.

In addition to the regular work in exercises, attention is called to many physiological and anatomical facts, students being required to locate the important organs and muscles, and note the effect of the various exercises on the different parts of the body. A more lasting benefit is thus secured than could be given by merely following out the exercises as given. Much good is being done, many of the students being rendered more capable of doing with ease the work necessary in the preparation of their various studies by reason of the better balance between physical and mental exertion.

To the young ladies are given, under an instructor of their own sex, such exercises as will strengthen without overtaxing the vital organs and nerve centers, and give freedom to the entire body.

The Emerson system, which is used, includes exercises for developing every part of the body. These exercises are of special advantage to students. Many have been cured of chronic dyspepsia, nervousness, headache, and other diseases peculiar to those who lead a sedentary life. In addition to the Emerson system, the free-hand exercises, wands, dumb-bells, and Indian clubs are used.

ADMISSION.

Candidates for admission must furnish satisfactory evidence of good character, and those coming from other colleges must bring a certificate of honorable dismissal. No student is considered fully a member of his class, or of the institution, until he has passed at least one term satisfactorily to the Faculty, during which time he may be assigned to another class, or, if his connection with the college is deemed undesirable, may be privately dismissed.

ENTRANCE EXAMINATIONS.

Examinations in all the subjects required for admission are held in June and September. (See calendar.)

REQUIREMENTS FOR ADMISSION.

All candidates for admission, except those provided with certificates or diplomas as specified below, are examined as follows, but only two of the three languages, Greek, Latin and German are required:

ENGLISH: The elements of Rhetoric as found in Williams' textbook or some other standard work, together with an English composition correct in spelling, punctuation, division into paragraphs, grammar and expression, based on some subject to be announced at the time of the examination. In 1894 the subjects will be chosen from Irving's *Sketch Book*, Low-

ell's *Vision of Sir Launfal*, Scott's *Lady of the Lake* and *Ivanhoe*, Shakespeare's *Merchant of Venice*, and Tennyson's *Idylls of the King*.

MATHEMATICS.—The candidate is required to furnish satisfactory evidence of having completed the study of Arithmetic, Algebra to the general binomial formula, and Plane Geometry with all the accompanying exercises. These branches must be represented by the most advanced text-books of Wentworth in each, or an equivalent. Particularly: (1) in *Arithmetic* all definitions, tables for weights and measures (including the metric), fractions, common and decimal, percentage and its applications, ratio, proportion, square and cube roots, etc.; (2) in *Algebra*, definitions and fundamental rules, factoring, elimination, involution, evolution, equations, of the first and second degrees, radicals, ratio, proportion, variation, indeterminate equations, arithmetical and geometrical progressions; (3) in *Plane Geometry*, definitions, propositions, problems and original work.

GREEK.—(1) All Attic forms with accents. Four books of Xenophon's *Anabasis* with Xenophon's *Symposium*. (2) Greek Prose Composition (Jones's *Greek Prose Composition* or the first two parts of Allinson's). Equivalents may be offered. Preparation for this examination requires two years' work with at least four recitations per week.

GERMAN.—Harris's *Composition* together with some three hundred pages of easy prose such as that of Riehl, Hauff and Heyse. Thorough acquaintance with grammatical forms and rules is required, special attention being given to strong verbs, gender and plurals of nouns, word formation, and inflection. The prose reading mentioned should have been preceded by one year's study of some such grammar as Joynes-Meissner or Collar's *Eysenbach* together with easy reading.

LATIN.—Candidates are examined (1) in the following authors with questions on subject-matter, constructions and the formation and inflection of words: Cæsar, four books of the *Gallic War*; Cicero, five orations; Virgil, five books of the *Æneid*, with prosody; (2) in the translation at sight of passages of average difficulty from Cæsar and Cicero; and (3)

in the translation into Latin of a piece of connected English based on principles contained in first forty-six lessons of Allen's Introduction to Latin Prose Composition. Thorough acquaintance with grammatical forms and rules is required. The rules of quantity should be learned along with the declensions and conjugations. Three years' time is regarded as necessary to do properly the above work. In the reading of the authors named, the following sequence is recommended: Cæsar, two orations Cicero, Virgil, three orations Cicero. The method of pronunciation of Latin used in this college is the Roman as given in the report of the committee on Secondary School Studies appointed at the meeting of the National Educational Association July 9, 1892.

HISTORY.—Candidates are examined in Myers's General History, with special attention to the sections devoted to Greece and Rome.

CIVIL GOVERNMENT.—Fiske's *Civil Government of the United States* or an equivalent.

PHYSICS.—Gage's *Elements of Physics*, or an equivalent.

BOTANY.—Spalding's *Introduction to Botany*, or an equivalent.

OPTIONAL STUDENTS.

An applicant for admission, not a candidate for a degree, having passed the examinations required for admissions, may be allowed to register as an *optional student*, and elect such work as may be open to him; such applicant, however, unless of mature years, will be required to bring written request from parent or guardian, otherwise he will be assigned work in one of the regular courses of study.

SPECIAL STUDENTS.

An applicant at least 21 years of age may be admitted as *special student* on recommendation of a commit-

tee of the faculty appointed for the purpose of considering such applications. A student thus applying will not be required to make the regular entrance examinations, but merely to pass such of them as shall suffice to show that he is prepared to do profitable work in the special line selected. The committee appointed to consider special applications, as at present constituted, consists of Professors Iden and Howe, and application should be made directly to these.

ADMISSION TO FRESHMAN CLASS WITHOUT EXAMINATION.

Certificates of work done in public or private schools of approved standing are accepted in lieu of examinations, subject to the following conditions:

1. The student's application for admission must be accompanied by a certificate from the principal of the school from which he comes.

2. This certificate must furnish full and specific information concerning the applicant's studies, the time that he has devoted to them, and should indicate, by means of the usual marks, his proficiency therein.

3. The candidate presenting the certificate of a principal will, however, not be exempted from the entrance examination in any particular subject unless his certificate shows that he has satisfactorily accomplished the full amount of work in that subject.

And further, in harmony with a recommendation adopted at a meeting of the College Presidents of In-

diana, held at Indianapolis, November 17, 1893, every candidate for admission to college, whether from a commissioned high-school or other, shall be subject to examination in English for the purpose of determining his ability to use the English language correctly.

4. Admission on certificate will, in every case, for the first term, be regarded merely as *provisional*. Should the student after a term's residence be found to be unable to pass the examinations of the class to which he has been temporarily assigned, he will be required to accept such other classification as may be deemed equitable.

ADMISSION TO ADVANCED STANDING.

A candidate for admission coming from another college must present, along with the catalogue of the institution in which he has studied, a careful statement, duly certified, of the studies which he has pursued and the degree of proficiency attained therein; in which case he will be admitted provisionally to such standing as the Faculty may deem equitable. The standing of a student thus admitted, however, shall not be regarded as confirmed until he shall have given proof of ability to do satisfactorily the work of the class to which he has been temporarily assigned. If by the close of the first term following his admission he shall have failed in this, then he will be required to take the position and rank for which, in the judgment of the Faculty, he may be fitted.

RESIDENCE.

REGISTRATION.

Students register at the beginning of the session for the work of the whole year, obtaining blank forms at the office of the President, to whom application must be made. No credit will be allowed for work not so registered. Changes in registration after the first week will not be allowed except by special permission of the Faculty.

ENROLLMENT EACH TERM.

For class enrollment the student must, at the beginning of each term, report his name to the President of the Faculty, and not to the various instructors in charge of classes. This report for enrollment must be accompanied by the Treasurer's receipt for the term's fees. No Professor will regard a student as a member of his class, or credit him as present in it, until such student shall have been reported to him by the President as so enrolled.

RELIGIOUS DUTIES.

All students are expected to attend daily morning devotional exercises in the College chapel, and, on Lord's Day, religious services at such place of public worship as each may elect.

CLASS EXERCISES.

The courses of study are all the same in amount and time required for their completion: Sixteen hours recitation per week, through four years, two hours of laboratory work being regarded as the equivalent of one of recitation. Besides these, there are provided elocutionary and physical exercises, which are required of Freshmen, Sophomores and Juniors, but are optional with Seniors. No student will be graduated until he shall have passed successfully in work which, including all the requirements of his course, shall amount to an aggregate of sixteen hours a week, not counting elocution and gymnastics, during the whole of four years.

FINAL EXAMINATIONS OF THE TERMS.

Regular class examinations are held at the end of each term. Failure at examination entails forfeiture of position in class. A student wishing to take his examinations at some time other than that appointed for his class may be allowed to do so with the consent of the Faculty, provided he first pay to the Treasurer, for the benefit of the library fund, the sum of one dollar for each such examination.

A student failing in class examination may be granted separate examination under the above conditions. But all deferred examinations must be made good within one term after omission or failure, otherwise the student will be required to go over the work again in class

a year later, and so long as a student is in arrears with any of his examinations he shall not be eligible to *exemption* (see below) in the department in which such examinations are due.

EXEMPTION FROM EXAMINATION.

A student, at the discretion of the professor in charge, may be exempted from the final examination of his class in any department, provided he has attained a certain specified degree of excellence in the work done, and provided further he has been present, from beginning to end, at every exercise held by his class in that department during the term. By resolution of the Faculty, hereafter no exception will be made to this rule.

CLASSIFICATION OF STUDENTS.

A degree of laxness is sometimes hard to avoid in the classification of Freshmen and Sophomores, but no student will be classed as Junior until he shall have registered the full requirements of the Junior year and all deficiencies of former years.

TERM REPORTS.

During the last week of each term a report of the attendance and proficiency of each student is prepared and sent to his parent or guardian, who is earnestly requested to give such report careful attention, or to notify the secretary of any failure to receive it.

PRIZE CONTEST IN DECLAMATIONS.

Three prizes, first, second and third, are given to representatives of the Preparatory department for excellence in declamation. These prizes are offered by the Hon. Joseph I. Irwin, of Columbus.

PRIZE ESSAYS.

Two prizes of choice English classics are given at the close of the Sophomore year for the best set of three essays written after the Christmas holidays. One prize, an English classic, is given at the close of the Junior year for the best sample of literary criticism.

PRIZE ORATIONS.

The Board of Directors offer, on the following conditions, two prizes, first and second, to members of the Sophomore class who shall compose and deliver English orations. The orations shall not exceed fifteen minutes in delivery. The Faculty, or a committee appointed by them, shall judge of the thought, composition and elocution. The orator receiving the highest grade shall receive the first prize, the next highest, the second prize.

THE GRAYDON MEMENTO

Is a prize offered the student of Greek deemed by the professor in charge most worthy to receive it. This prize was established in 1890 by Mrs. Mary M. Graydon to commemorate the graduation from the University of her three daughters.

MEDICAL STUDENTS' PRIZE.

To the student making the best record in the preparatory medical course the Indiana Medical College offers as a prize its general ticket No. 2, value \$40.

SUCCESSFUL PRIZE CONTESTANTS.

The following record is from the opening of the spring term '93 to the close of the winter term '94.

1. June, 1893—*Sophomore Class Essays*,
1st Prize—GEORGE WILSON HOKE, Wabash.
2d Prize—ROSE MCNEAL, Romona.
2. June, 1893—*Junior Class Essay in Criticism*,
ADOLPH SCHMUCK, Indianapolis.
3. June, 1893—*Graydon Memento Prize*,
HARRY LEONARD HENDERSON, Kendallville.
4. June. 1893—*Preparatory Department Declamation*,
1st Prize—BONA THOMPSON, Irvington.
2d Prize—MABEL HARRIET TIBBOTT, Irvington.
3d Prize—THOMAS ROERTY SHIPP, Irvington.
5. June, 1893—*Medical Students' Prize*,
FRANK F. HUMMEL, Irvington.
6. March, 1894—*College Representative in State Oratorical Contest*,
GEORGIA NOBLE GALVIN, Irvington.

PAYMENTS TO THE COLLEGE.

The fees for tuition, incidentals, apparatus and library are payable at the beginning of each term, before enrollment in class. They amount to ten dollars per term, as follows:

Tuition fee, \$6 in scrip, costing.....	\$.50
Incidental fee	8.00
Apparatus and Library fee.....	1.50
Total, per term,	<u>\$10.00</u>

The tuition fees of graduate students, whether resident or non-resident, are the same as for under-graduates.

There is no extra fee for elocution or gymnastics.

An extra fee is charged for special examinations (see p. 58).

A fee of \$5 to cover expenses of graduation, degree, etc., is charged each person taking the baccalaureate degree. This fee must be paid before the degree is conferred. The fee charged for an advanced degree is ten dollars, which must be paid before the degree is conferred. No money is refunded to a student leaving during term time.

EXPENSES OF RESIDENCE.

Following are estimates of yearly expenses, calculated for a session of thirty-six weeks:

	Lowest.	Liberal.	Highest.
Tuition per year (three terms at \$10)...	\$30 00	\$30	\$30
Room, board, lights and fuel.....	113 75	130	175
Books	20 00	30	40
	<hr/>	<hr/>	<hr/>
	\$163 75	\$190	\$245

The first estimate is low as regards room, board, etc., being based on the lowest charge made at University boarding-hall; the second estimate is liberal, having for its basis the usual charge for boarding in Irvington; the third estimate is exceptionally high.

GRADUATION.

AMOUNT OF WORK REQUIRED.

All the courses leading to the baccalaureate degree require each four years for their completion, except in case of admission to advanced standing, as elsewhere provided, but a candidate for admission to advanced standing will not be received after the first term of the year in which he proposes to graduate. Sixteen hours of recitations per week throughout the four years are provided, and no student will be allowed to exceed this number except by special permission of the Faculty—which permission will not be granted until the candidate has been in the University at least one year.

BACCALAUREATE DEGREES.

I. The degree of Bachelor of Arts is conferred on students who complete the required amount of work in one of the regular courses as elsewhere prescribed (see pp. 66–7), and pass satisfactory examinations in the same.

BACCALAUREATE THESES.

A thesis is required of every candidate for the Bachelor's degree. It must be in the line of the student's main work during his Junior and Senior years, and its subject will be selected with the concurrence of the professor in charge of the study to which it belongs. This selection of subject must be made and reported to

the Faculty not later than the last Saturday before the Christmas holidays. Should a student fail to report such selection, a subject will be assigned him by the Faculty. The thesis in its completed form must be submitted to the professor in charge not later than the fourth Thursday before Commencement Day, and to be acceptable must have the character of a scholarly dissertation on the subject chosen. The candidate for graduation, after approval of his thesis by the Faculty, and before he can receive his diploma, must furnish a copy to be deposited in the Library. Special paper is provided for this, which may be obtained from the Librarian. Should a student fail to submit his thesis as above indicated, then, in order to secure its acceptance, he will be required to appear before the Faculty and furnish good and sufficient reasons for his delinquency.

ADVANCED DEGREES.

Courses of graduate study leading to advanced degrees are provided in the various departments, and such degrees are conferred as follows:

I. The degree of Master of Arts is conferred on any student who has taken the corresponding baccalaureate degree here or in other college of equal requirements, on the following conditions: (1) In case of non-residence the candidate for Master's degree is required to pursue a course of graduate study for two years under direction of the Faculty, pass satisfactory examinations and present a thesis on one of the subjects studied.

(2) In case of residence the candidate is allowed to limit his course of study to one year, provided that he, during that time, attend regularly all the exercises that may be assigned him, pass satisfactory examinations and present a thesis on one of the subjects studied. The work of candidates for Master's degree may consist (a) of subjects specially assigned to individual students and (b) of lines of study to be selected, under the direction of the Faculty, from undergraduate elective work, which, in the case of residence students, may in certain cases be pursued along with undergraduate classes; but no work done by a student while yet an undergraduate shall be allowed to count anything toward fulfilling the requirements of a graduate course. Copy of thesis to be deposited in the Library as above indicated under *Baccalaureate Thesis*.

II. The degree of Doctor of Philosophy is conferred on graduates of this University or of any other institution authorized to confer the Bachelor's degree, on the following conditions: (a) The course of study shall occupy three years, two of which must be spent in residence at the University, and one year's study may be spent in non-residence; (b) The work required will be in one major study extending through the course. Other minor studies, not less than two, may be taken for a shorter time; (c) A meritorious thesis on some subject of original investigation shall be presented to the Faculty at the close of the course, and as a condition of the degree. Copy of thesis to be deposited in Library as above indicated.

COURSES OF STUDY.

LEADING TO THE DEGREE OF BACHELOR OF ARTS.

A selection of courses may be made conformably with any of the following outlines:

- I. GENERAL COURSE (*a*): Two of the three languages Latin, Greek, German; Mathematics, English, Bible, Biology (Botany) or Chemistry (General Chemistry with text-book, lectures and laboratory work), French, Philosophy (Psychology, Logic, History of Philosophy), Physics, History.
- II. GENERAL COURSE (*b*): Two of the three sciences Biology (General Biology, Botany, Vertebrate Anatomy, Histology and Embryology), Chemistry, Mathematics; English, Bible, French, Physics, Astronomy, one of the three languages Latin, Greek or German.
- III. PRE-LAW COURSE. Two of the three languages Latin, Greek, German; Mathematics, English, Bible, French, Civics (Political Economy, American Government, International Law, Roman Law, Feudal System, Ancient Law), Chemistry, Psychology, Logic, History.
- IV. PRE-MEDICAL COURSE. Chemistry, Biology (General Biology, Vertebrate Anatomy, Histology and Embryology, Physiology), Human Anatomy, Materia Medica, English, French, one of the three languages Latin, Greek, German; Mathematics, Chemistry, Physics.
- V. PRE-MINISTERIAL COURSE. Latin, Greek, English, Bible, Mathematics, Chemistry or Biology, course to be completed in Bible School. (See pp. 81-7.)

Any course of study to lead to graduation, except in the case of ministerial students, as above indicated, must include, of the work described below, the following:

FRESHMAN: English, Elocution, Mathematics, Physical Culture and any two of the four subjects Latin, Greek, German, Biology.

SOPHOMORE: English, Bible, Elocution, Physical Culture and *either* (1) two of the three languages Latin, Greek, German, with one of the three sciences Biology, Chemistry, Mathematics, *or* (2) two of the three sciences Biology, Chemistry, Mathematics, with one of the three languages Latin, Greek, German.

JUNIOR: French, Physical Culture and *either* (1) one of the three languages Latin, Greek, German, *or* (2) one of the three sciences Chemistry, Biology, Mathematics, together with elective work sufficient to furnish in all sixteen hours per week. (In laboratory work two hours count one.)

SENIOR: French and one language or one science, with electives, as above.

FRESHMAN YEAR.

I. BIOLOGY.—*Four double hours per week, Tu., W., Fri., Sat., at 8-10.*
General Biology.

A study of the structure, functions and development of typical plants and animals. An introduction to Botany, Zoology and to the general principles of Biology. The following list of organism will indicate the range and character of the work: Amœba, Arcella, Pleurococcus, Yeast, Bacteria, Euglena, Paramecium, Vorticella, Globigerina, Diatoms, Mucor, Penicillium, Spirogyra, Laminaria, Chara, moss, fern, Hydra, earthworm, mussel, cray-fish, frog. Parker's Elementary Biology and Huxley and Martin's Practical Biology are used.

II. ELOCUTION.

Two hours per week, M., Fri., at 10.

Exercises in breathing, vocal culture, position and gesture. Elements of pitch, time, force and emphasis with their practical application to selections. Analysis and memorizing of representative extracts from orations. Practice in extemporaneous speaking. More extended work in Oratory and Shakespearian reading may be taken in Sophomore year if desired.

III. ENGLISH.

Two hours per week, M., Fri., at 11.

Hale's Longer English Poems is the text-book for the first two terms, and one of Shakespeare's plays is taken up thereafter. This study of classic English verse is for the purpose of learning methods of criticism and of developing the critical appreciation. In addition to systematic examination and analysis of the poems studied, essays will be required each term.

IV. GERMAN.

Four hours per week, Tu., W., Thu., S., at 10.

Before admission to the Freshman class, the student is expected to have acquired a very considerable vocabulary. The learning of the words and idioms occurring in the course of the reading is at all times emphasized. The reading during the year consists of works bearing upon German life, or upon certain periods of the history of the country. Historical novels, such as those of Freytag are used for this purpose. Exercises in composition are continued throughout the year.

V. GREEK.

Four hours per week, Tu., Th., Fr., S., at 8.

Xenophon's Hellenica and Memorabilia, selections from Herodotus. Writing of Greek prose during the year. Either Allinson or Wilkins's manual will be used. The authors are read in the order mentioned. Three points are to be especially studied during this year—an accurate knowledge of the forms and syntax, the pronunciation of the Greek as expressive of thought, translation into good English. Students should have a classical atlas and dictionary of antiquities. Students will be admitted to the Freshman class when they have finished the Burgess Hall Preparatory Greek, or from other colleges provided they bring satisfactory certificates, otherwise they must pass an examination.

VI. LATIN.

Four hours per week, Tu., W., Fr., S., at 9.

Cicero, De Senectute; Livy, Book XXI; Horace, Odes and Epodes; Latin Writing; Mythology; Horation Metres. The work runs through the year, the above authors being taken in the order named. Concurrent with the critical reading

of these authors is daily practice in writing Latin—this as a means, the surest means, whereby the student may obtain a firm grasp of the structure of the language. The writing is at sight on material furnished by the writers read—mainly the *De Senectute*.

Students admitted to the Freshman class are required to be familiar with some such outline of Roman history as that of Myers's. Where deficiencies in this regard are shown a review will be required.

In connection with the reading of Horace's odes due attention is given the subject of Greek and Roman mythology, particularly with a view to emphasizing its great influence on literature and art.

Besides the texts mentioned above, the student must be provided with Allen & Greenough's Latin Grammar, Lewis's Latin Dictionary, Guerber's Myths of Greece and Rome and a classical atlas.

VII. MATHEMATICS. *Four hours per week, Tu., W., Th., S., at 11.*

Solid geometry, with a large selection of original problems and theorems, will be required. The resulting mensuration formulæ will be memorized and illustrated by examples. The advanced parts of algebra will be studied, embracing the logarithmic and binomial formulæ; the various series, with the law of their convergency; choice, chance, probabilities; imaginaries, the theory of equations with the application of Sturm's Theorem and Horner's Method to the determination of irrational roots of numerical equations; the application of determinants to the solution of linear equations. Plane Trigonometry and land surveying, with practice in the use of the Transit and Level in roads and ditches and the requisite computations of excavation and fill.

VIII. PHYSICAL CULTURE (Women)—*Two half-hours per week, M. at 8:30, Th. at 9.*

All exercises are taken under the supervision of the director. Military and fancy marching, dumb-bells, wands, Indian clubs, Swedish movements and æsthetic gymnastics.

IX. PHYSICAL CULTURE (Men). *Two half-hours per week, M. at 9, Th. at 9:30.*

Class and individual work on gymnastic apparatus, the parallel bars, the horizontal bar, the German horse, the flying rings. All members of the class must be provided with soft-soled shoes, rubber soles preferred.

SOPHOMORE YEAR.

I. BIBLE. *Four hours per week, Tu., W., Th., S., at 11.*

Lectures on the Gospels: The life, the teachings and the works of Christ, the events brought into chronological order.

Lectures on Acts: The rise and growth of the church traced, questions belonging to the Apostolic period discussed.

Lectures on the Epistles: The Epistles classified on the basis of their subject-matter, the more important ones studied, one carefully analyzed.

The Pentateuch: Lectures on the Patriarchal age, its early institutions and the rise of the Hebrew nation.

The former Prophets: Lectures on the conquest of Canaan, the period of the Judges, the establishment of the Kingdom.

The rise and growth of the Hebrew kingdom, its division and captivities, its history until the Christian era.

Collateral reading of the Scriptures accompany these courses of lectures.

II. BIOLOGY. The class is divided into two sections, the student electing either Botany or Vertebrate Anatomy.

BOTANY. *Three double hours per week, M., W., F., at 2-4.*

A study of the Phanerogams and Ferns. (1) The plant cell, its structure and simple functions; cell division and conjugation; sex in plants. (2) The structure and development of vegetative and reproductive organs as illustrated in the sunflower, elm, maize, hyacinth, Smilax, Scotch pine, Aspidium, Adiantum. (3) Physiology of plants. Bessey's Botany and Bower's Practical Botany, Part II.

VERTEBRATE ANATOMY. *Three double hours per week, Tu., Th., S., at 2-4.*

(1) General development of the Vertebrates, Classification, Geological Succession. (2) A comparative study of the physiological apparatus of Vertebrates: the skeleton, muscular system, nervous system, sense organs, respiratory mechanisms, etc. (3) Parallel with the above, laboratory work on Amphioxus, the lamprey, skate, cod, lizard, pigeon and cat (or rabbit). Parker's Zootomy and Wiedersheim's Comparative Anatomy are used.

III. CHEMISTRY. *Three double hours per week, M., W., F., at 2-4.*

General Chemistry is studied by means of lectures and a text-book. Remsen's Introduction to the Study of Chemistry (new edition) will be the class book, while Remsen's Complete Work will be much used as a book of reference.

Qualitative analysis is begun. Detection of bases completed. In Qualitative analysis instruction is given mainly by lectures, but students are required to have some standard laboratory manual on the subject. Most of the work after the first term is done in the laboratory.

IV. ELOCUTION. *One hour per week, Tu., at 8.*

Further exercises as outlined under Freshman year.

V. ENGLISH. *Two hours per week, M., Th., at 10.*

The History of England is studied throughout the year. Guest's Lectures are used as the text-book. This is done in order to give the student a better comprehension of the development of English institutions and English literature. Essays and orations are written on themes suggested by the matter studied. Prizes are offered for the best of these.

VI. GERMAN. *Four hours per week, W., Th., F., S., at 9.*

Such masterpieces as Wilhelm Tell, Minna von Barnhelm, Heine's Harzreise are read, the aim being to acquaint the student with some of the best known of the German classics. However, here, as in the year preceding, the taste of the class is at all times observed and consulted in the selection of

texts for reading. It is the object to state here in a general way the nature of the work, but to allow circumstances to largely determine just the precise works used in each case for the particular end in view. Exercises in composition are continued throughout the year.

- VII. GREEK. *Four hours per week, M., F., at 11; Tu. at 9; W. at 8.*
Homer's Iliad or Odyssey; Plato's Dialogues, either the Apology and Crito, or the Phædo. Two terms will be spent on Homer; selections from the Iliad or the Odyssey will be read, enough to go through the entire story of either. The syntax of the language and the arrangement of words will be studied by requiring students to transfer translations made from the author read back into Greek. In connection with Homer mythology will be taken.

- VIII. LATIN. *Four hours per week, T., W., F., S., at 10.*
The Phormio of Terence, Epistles of Horace, Dialogues de Oratoribus of Tacitus, translations at sight, Roman History, History of Roman Literature.

The above-named authors will be read in the order given, the work continuing throughout the year, with frequent exercises in translation at sight. The collateral historical work indicated is meant to be (1) selected epochs of Roman political history down to the close of the reign of Augustus (Merrivale's General History of Rome), and (2) a comprehensive view of the whole field of Roman classical literature. (Wilkins's Primer of Roman literature.)

- IX. MATHEMATICS. *Three hours per week, Tu., W., Th., at 2.*
(a) Bowser's Analytical Geometry, Differential and Integral Calculus, followed by his Analytical Mechanics and a solution of all the examples in each, extending through the Sophomore and one term of the Junior year. *Three hours weekly.* (b) A course in Higher Algebra, Theory of Equations and Elementary Determinants. (c) A course in Cremona's Projective Geometry.

- X. PHYSICAL CULTURE. *One-half hour per week, Tu., Men, 8:30; Women, 9.*

JUNIOR YEAR.

I. BIOLOGY. *Four double hours per week, Tu., W., F., S., at 8-10.*

(a) *Physiology*. An introduction to Human Anatomy and Physiology. Recitations and demonstrations twice a week throughout the year. Martin's text-book is used.

(b) *Histology and Embryology*. (1) A study of normal, adult, tissues with special attention to the Mammalian type. A knowledge of methods of hardening, staining, etc., is gained through the preparation of material by the student. (2) The development of the chick during the first three days. Four hours laboratory work a week throughout the year, with a weekly quiz or lecture. Piersol's Normal Histology, Foster and Langley's Histology, Foster and Balfour's Elements of Embryology.

Pre-requisite, General Biology.

II. CHEMISTRY. *Four double hours per week, Tu., W., F., S., at 8-10.*

Qualitative analysis continued. Detection of acids, analysis of simple and mixed salts, minerals, alloys and ores. Quantitative analysis. First, by gravimetric, then by volumetric methods. Students will have sufficient practice in each to acquaint them well with the processes commonly used in quantitative analysis. Special work may be done in the analysis of milk, butter, examination of waters, urine or in any line for which the student is thought by the professor in charge to be qualified. Time at least eight hours per week in the laboratory.

III. CIVICS. *Three hours per week, M., W., F., at 2.*

- (1) Political Economy. Walker and Ely will be studied three hours a week; Sociology as time will permit.
- (2) American Government. The text is Hinsdale's Lectures on the origin and formation of the Constitution of the United States.
- (3) International Law. The text-book is Woolsey or Galaudet; references to Cyclopedia of political history; discussions in class.

IV. HISTORY. *Three hours per week, Tu., Th., S., at 2.*

In addition to the requirements for entrance in General History, students in Latin, Greek and English are given, in those departments, courses in the outline history of Greece, Rome and England. The first year's special work in the department of History covers the medieval period. Text-book, lectures and recitations are employed. The rise of the Papacy, of the Holy Roman Empire, of the French monarchy and of Mohammedanism receive special attention. The social and political conditions which brought the Feudal System into existence are studied, as well as those which resulted therefrom.

V. ENGLISH. *Three hours per week, Tu., Fr., at 10; Th., at 9.*

The fall term is devoted to a study of the principles of the art of rhetoric as set forth in Genung's text-book. After practical exercise in the various kinds of composition, the elements of style are reviewed. This work is turned to account in the criticism of the following terms. Essays of De Quincey, Macaulay, Carlyle and Bacon are taken as examples of the best models of English prose, and subjected to analysis and criticism in class. Minto's manual is used as a guide. Other essays of these same authors are assigned to individual students for outside study, and on these written and oral reports are made to the class.

VI. FRENCH. *Four hours per week, M., W., Th., S., at 10.*

The beginning class uses as text-book Whitney's Practical French, or some similar work, spending the first term in acquiring pronunciation, a working vocabulary, an acquaintance with the simpler rules of syntax, and a knowledge of the irregular verbs. Latin, French and English word-forms are made a basis for incidental exercise in etymology and historical phonetics. Reading of connected prose is commenced at the earliest opportunity and constitutes the major part of the second term's work, Whitney's Introductory Reader or some such collection of short stories being used. La Fontaine's fables are studied next, by means of reading, translation and memorizing. The reading of the

third term consists in more difficult prose and verse of nineteenth century authors. This is accompanied by composition based on the texts read.

VII. GERMAN.

Three hours per week, M., W., F., at 11.

In the Junior year a more exact study of the literature and its history will be entered upon. Kluge's *Geschichte der deutschen National-Litteratur* will be used as a text-book, although this work will be largely supplemented by outside readings and references to other histories of the literature. In connection with each period, as studied in the text-book, representative works of the different periods will be read; nor will the reading be confined to the class-room. The student will be expected to bring to class analyses and synopses of the works read alone. For such as desire conversation in this year, hours will be arranged for meeting not oftener than two (2) hours weekly.

VIII. GREEK.

Three hours per week, Tu., Th., S., at 11.

Greek Drama. Æschylus, Sophocles and Euripides. One or more tragedies from each. A careful study of the metre will be made. Further, a literary study of these authors, given by means of lectures and extracts from their works. The Greek Theatre, with all its accessories, will be another feature of this year's work.

IX. LATIN.

Three hours per week, Tu., Th., S., at 11.

Pliny the Younger, Juvenal, Tacitus, the literature and history of the early Empire.

The work continues throughout the three terms with reading of selected portions of the writers named. The following text-books are recommended: Holbrooke's *Pliny's Letters*, Chase's *Selections from the Satires of Juvenal*, Champlin's *Selections from Tacitus*. Collateral reading in the period studied is required in Merrivale's *General History of Rome*, and in Cruttwell's *History of Roman Literature*.

X. MATHEMATICS.

Three hours per week, Tu., F., S., at 9.

Bowser's *Mechanics* finished. *First term.* Johnson's *Survey-*

ing, embracing adjustment and use of instruments, land, topographical, geodetic and city surveying, with computations of earth work. (c) Those taking course (a) in Sophomore year can, instead of the foregoing, take higher work in Analytical Geometry and Calculus during the Junior and Senior years. Charles Smith and Todhunter or Williamson will be used. This course would furnish a good introduction to work in the Polytechnic schools.

XI. PHYSICS.

Three hours per week, Tu., Th., S., at 11.

During the first term are mastered the general properties of matter; principles of motion and force; laws of motion as affected by gravity and other forces separately and combined; theory of machinery; elasticity and strength of materials.

During the second term are taught hydrostatics and hydrodynamics, followed by the kinetic theory of gases; the theory of undulations in elastic fluids, with applications to sound and the theory of musical instruments. Then follow laws controlling other waves, with application to refraction and reflection of light, and the construction and use of optical instruments.

The third term is given to the study of electricity and magnetism. Lectures on the method of generation of electricity and its application to lighting, telegraphy, the telephone and the driving of machinery are given.

Text-books: Bowser's or Peck's Analytical Mechanics, Wright's Sound, Light and Heat, Poyser's Magnetism and Electricity.

XII. PHYSICAL CULTURE. *Men, one hour per week, Th. at 8; Women, one hour per week, Th. at 8:30.*

SENIOR YEAR.

1. ANATOMY.

(1) Osteology, articulations, muscles and fasciæ. (2) Circulatory system, respiratory system, nervous system, organs of special function, with course of dissection. (3) Minor surgery: Sutures, bandages, dressings, methods, preparation, practical work.

II. BIOLOGY. *Four double hours per week, M., W., Th., S., at 10-12.*

During this year students who have had at least two years' work in Biology may pursue advanced studies for which they are prepared in any one of the following lines: Animal Histology, Vertebrate Embryology, Invertebrate Morphology, Systematic Zoology, Cellular Biology. Students making Biology their major study will devote a part of the time to the preparation of a thesis. Such assistance is given as will enable the student to accomplish his ends.

III. CHEMISTRY.—*Four double hours per week, M., W., Th., S., at 10-12.*

This year will be given to the study of organic chemistry. Remsen's work will be the text-book, supplemented by some laboratory manual. Besides mastering the text-book, students will do much laboratory work in the preparation and analysis of organic substances.

IV. CIVICS. *Three hours per week, W., Th., S., at 10.*

- (1) Roman Law. The origin and growth of Roman Law. Lectures and Hadley's text-book; collateral reading.
- (2) Feudal System. The rise of the Feudal System; its principles; its decline; the rise of monarchy.
- (3) Ancient Law. The study of ancient forms, methods and principles of law; the philosophy of ancient usages; text-book is Maine, with collateral reading.

V. ENGLISH. *Three hours per week, Tu., F., S., at 9.*

Shakespeare, Milton and Wordsworth are studied in the fall term by means of biography, literary history and criticism. Following this comes a rapid review of the leading English writers, based on Stopford Brooke's manual. Special attention is given at this time to Chaucer, Spenser, the Elizabethan dramatists, Dryden, Pope, Keats, Shelley and Browning, the prose writers and other poets having been made subjects of special study earlier in the course. The year closes with a review of English prose fiction. A part of the work is done in class, and the rest is assigned to individual students as a basis for topical recitations or essays.

VI. FRENCH. *Four hours per week, Tu., F., at 10; W., Th., at 9.*

The year is given up to a systematic study of French literature, history being constantly supplemented by reading and criticism of authors and the literature of successive periods. After work on Joinville's *Histoire de Saint Louis*, and some of the earlier lyric verse, the masterpieces of Corneille, Racine and Moliere are studied in connection with the development of the drama. Then follows reading from Pascal, Bossuet, Voltaire and Beaumarchais. The romantic school, as exemplified in Balzac, Victor Hugo, Lamartine and George Sand, is considered, and the course closes with a review of the most popular writers of the last half century. Some attention is to be given each week to sight-reading, conversation and composition.

VII. GEOLOGY. *Three double hours per week, M., W., T., at 10-12.*

Lectures, recitations and laboratory work.

An introduction to Crystallography, Mineralogy, Lithology, and the general principles of Geology. (1) A study of crystal forms and systems of notation. (2) Determination of minerals by physical characters and simple chemical and blow-pipe tests. (3) Geology proper, Dynamical, Structural, Historical. Text-book, Leconte's *Elements of Geology*. For reference, Williams' *Crystallography*, Dana's *Mineralogy*.

Open to students who have taken General Biology and Physics.

VIII. GERMAN. *Three hours per week, Tu., W., F., at 8.*

The Seniors will continue the study of the history of the literature as begun in Junior year, *i. e.*, with Kluge's *National-Litteratur* as a text-book and with readings in and out of class. Readings out of class must be fully reported in class. A large amount of the work done will be in connection with the works of Lessing, Goethe, Schiller, since by the time the student has reached this point in the course he must have acquired such a knowledge of language and forms as will permit him to appreciate fully the works considered. A further opportunity for training in speaking will be afforded in this year in the formation of a German conversation club, meeting one evening each week at the house of the German professor.

IX. GREEK. *Three hours per week, M., W., F., at 11.*

Greek orators—Demosthenes, Æschines and Isocrates. Selections from Demosthenes and part of Æschines against Ktesiphon. A careful study of the Macedonian period will be made. Lectures on Archæology, with help from photographs.

X. HISTORY. *Three hours per week, M., W., F., at 2.*

The second year's work is done chiefly through recitations from lectures and study of works of reference. It begins with the period of the Renaissance and the Reformation, and deals with the leading social, political and religious questions of Modern European History. The Empire of Charles V, the age of Louis XIV, and the rise of the Prussian Monarchy are special topics. The French Revolution and the Napoleonic Era are then studied, and the year's work closes with a review of the course of events since the battle of Waterloo.

XI. LATIN. *Three hours per week, M., W., F., at 11.*

A choice may be made of either of the following courses :

A Teacher's Training Course. This includes the Latin authors and the exercises in composition and in grammatical drill common to secondary school instruction and its purpose is to prepare students who may intend teaching to enter upon their work with confidence.

A Course for Intending Students of Law. The Institutes of Justinian will be read with references to the Codex and Digest. In addition to the translation and analysis of the text, the influence of the civil law on modern legislation is traced by the help of Hadley's Introduction to Roman Law and Morey's Outline of Roman Law.

XII. MATERIA MEDICA. *Two double hours per week, W. and S., at 10-12.*

The course consists of lectures and recitations. The department is provided with a collection of medicines, embracing most of the remedies now in use, both officinal and unofficial, thereby assisting the student in acquiring reliable

knowledge of the physical properties and characteristics of remedial agents. For the purpose of practical instruction, experiments will, from time to time, be performed upon the lower animals, in order to better acquaint the student with the physiological and toxic action of the various drugs.

XIII. MATHEMATICS. *Three hours per week, M., W., S., at 10*

A course in General Astronomy, text-book of Chas. Young; three hours weekly, two terms. Uranography and observatory work, one term. Adequate reference books, sufficient for all needs in the above courses, will be found in the College Library.

XIV. PHILOSOPHY. *Three hours per week, Tu., Th., S., at 2.*

- (1) *Psychology*. The study of the contents of consciousness; discussion of problems leading up to philosophy. Text-book of some approved author.
- (2) *Logic*. The laws of pure thought are studied, their application fully exemplified. Jevon's text-book is used.
- (3) *History of Philosophy*. Lectures on the history of philosophic thought; the methods and principles of the various schools analyzed and explained; references to authors, and thesis on a subject assigned is required.

BIBLE SCHOOL.

The condition of admission to this department is that the student have completed the Sophomore year of the collegiate course of Butler University (having taken the Latin and Greek), or the same amount of work in some other school.

For details see under "Courses of Study" in this catalogue, pages 66-72.

It is the purpose that the student, on leaving this school, shall have a profound and systematic knowledge of the Bible, a sufficient knowledge of the history of the church, including doctrine, a good practical knowledge of Hebrew, Greek, Latin and German, an acquaintance with some of the best theological works of the past and present, and that he shall be well trained in exegesis, in original investigation and in the art of expression. In order to secure the necessary training in the above named languages, and in original investigation, the student will be required, wherever it is practicable, to go to the sources. That is, he will be required to read in Josephus, Philo, Eusebius and also in the classic authors when the meaning of a word or a construction is sought, or when the views of the ancients or the history of the time will be helpful to an understanding of a passage of Scripture.

Students will write dissertations on questions of language, history, and on the contents of passages. This is believed to be the best preparation for the writing of sermons.

Courses of lectures on various sciences will be delivered to the ministerial students. These lectures, accompanied with experiments, will be quite popular in character, and will require no preparation on the part of the student. The purpose is to contribute to the student's general information by giving him some notion of the sciences.

To complete the entire course will require four years. The classes will be designated, for convenience: *Quarta*, *Tertia*, *Secunda*, *Prima*.

The course is an organic whole, yet the work of *Quarta* and *Tertia* is reckoned as undergraduate, for which the degree of A. B. will be given, and the work of *Secunda* and *Prima* is reckoned as graduate, for which the degree of A. M. will be given by the University, and a certificate by the Bible School.

QUARTA.

(First year of course in Bible School.)

GREEK.—The Gospels begun. A harmony of the four Gospels is used (Robinson's at present). The harmony facilitates the study both of the language and the contents. In connection with the reading of the Gospels portions of Josephus, Philo and Eusebius will be read in Greek. An effort will be made to acquaint the student with the spirit of the Greek language and the peculiarities of the New Testament idiom; with the geography of Palestine and with the political, social and re-

ligious condition of its inhabitants. All historic questions connected with the Gospels will be carefully considered. All passages requiring it, especially the Parables, will be carefully analyzed, both to exhibit to the student the correct method of interpretation, and to unfold to him the meaning. The chief aim and effort will be to help the student to a clear conception of the life and work of our Savior. *Five hours a week.*

HEBREW.—*Genesis* and *Exodus* will be read. The forms and the syntax will be explained orally. As it is the intention to read the entire Old Testament in Hebrew, much stress will be laid upon getting a good vocabulary during the first year. Here, as in the study of the New Testament, careful attention will be given to Exegesis. The books studied will be treated as from God, and therefore the questions raised by higher criticism will find no place in the class discussions until the students have studied the whole Bible as the Word of God. We hold it to be wrong to lay such questions before immature minds. In *Prima* some attention will be given to these questions. *Five hours a week.*

LATIN.—*Augustini de Civitate Dei* begun. It is the intention to make a critical study of the Augustinian period of church history, and this work has been selected for the beginning. It is believed that church history can be learned best by making a critical study of certain periods, such as the Apostolic, the Augustinian, the Lutheran, and then connecting them by hand-book or lectures. The reading in Latin will be made subservient to church history. *Three hours a week.*

GERMAN.—The aim is to secure to the student such a knowledge of the elements of the language that he can, the following year, begin the reading of books directly connected with his work. *Five hours a week.*

LOGIC.—Text-book and lectures. *One hour a week.*

CHEMISTRY.—It will be the aim to teach the principles and laws of the science as well as to give the most important facts of chemistry, and to show the methods of work used by the

Chemist. The most important of the elements will be considered in some detail. The methods of qualitative and quantitative analysis will be illustrated. A few lectures will be given on Organic Chemistry. It is believed that in about forty lectures an intelligent though not comprehensive view of the science may be acquired. *One hour a week.*

TERTIA.

GREEK.—The Gospels finished as described under *Quarta*. Acts read with some portions of Eusebius. In Acts we have the history of the beginning of the Church—the first preachers, their conduct, the contents and manner of their preaching; the first conversions; the organization and government of the first congregations. Careful attention will be given to all these in the study of the Book of Acts. In connection with the above, Philemon, Timothy, Titus, II and III John, Thessalonians and Philippians will be read. *Five hours a week.*

LATIN.—Augustini de Civitate Dei finished as described under *Quarta*. *Three hours a week.*

HEBREW.—The Pentateuch finished, Joshua, Judges, Samuel read. *Five hours a week.*

GERMAN.—Reading of sermons and easier theological discussions. *Four hours a week.*

PSYCHOLOGY.—Beck's Biblical Psychology and Lotze's Outlines of Psychology, with lectures. *Two hours a week.*

PHYSICS.—The object sought by these lectures will be to make the student familiar with the most common phenomena of nature and to illustrate the application of natural forces to the running of machinery. The phenomena of Light, Sound and Heat will be demonstrated by experiments, and the theories concerning their nature and laws will be presented. The subject of electricity will be treated in a practical way, the various modern electrical machinery and appliances will be described and explained. *One hour a week.*

SECUNDA.

GREEK.—Peter, Jude I, John, Corinthians, Galatians and Hebrews read. *Four hours a week.*

HEBREW.—The historical books finished. Psalms, Proverbs and some of the minor Prophets read. *Four hours a week.*

LATIN.—Selections from Calvin, Luther and Melancthon. *Three hours a week.*

GERMAN.—Selections from Beck's Vorlesungen über Christliche Glaubenslehre. *Four hours a week.*

CHURCH HISTORY.—Text-book and lectures. *Three hours a week.*

GEOLOGY AND NATURAL HISTORY.—The course will begin with the consideration of the most important Geological forces and their mode of operation during the present age. Their effects will then be traced in some of the principal events of the earth's past history, with particular reference to North American Geology; and finally in connection with the study of some existing forms, the history of plant and animal life will be briefly sketched. *One hour a week.*

PRIMA.

GREEK.—James, Romans, Ephesians, Colossians and Revelations will be read. In connection with Revelations the chief eschatological passages in the Old and New Testaments will be reviewed. *Four hours a week.*

HEBREW.—The Prophets finished and Job read. The conclusions reached by higher critics will be given and considered. *Four hours a week.*

LATIN.—Selections from Calvin, Luther and Melancthon. *Three hours a week.*

GERMAN.—Selections from Beck's Vorlesungen über Christliche Ethik. *Three hours a week.*

O. T. } THEOLOGY.—Lectures and class discussions. Every question
N. T. } of doctrine will have been fully discussed in connection with
the reading of the various books of the Bible. These lectures
are intended as a review—a summing up. *Three hours a week.*

PASTORAL THEOLOGY.—Beck's Pastoral Theology of the New Testament, with lectures. The purpose here is likewise to sum up what has already been learned on this subject from the New Testament. *One hour a week.*

HOMILETICS.—Text-book with lectures. The student by this time will have had much training in the writing of dissertations. Attention will be given entirely to the preparation and delivery of sermons. *Two hours a week.*

ASTRONOMY.—Lectures with observations. *One hour a week.*

ELOCUTION.

Those who have not had the required elocutionary drill may enter special classes formed by the instructor in elocution in the University.

LIBRARY.

The University Library, which is open to ministerial students as to other students, contains a considerable number of valuable theological works. The students have access, free of charge, also, to the State library in Indianapolis. In the University reading room are the best theological and religious periodicals of America.

PHYSICAL EXERCISE.

The gymnasium is open to ministerial students, as to all others, free of charge.

SELF-SUPPORT.

Many ministerial students are under the necessity of supporting themselves while in school. Those sufficiently prepared have been able hitherto to find remuneration.

nerative employment with the churches in reach of Irvington. As the number of ministerial students increases the difficulty of finding such employment increases. But with energy and perseverance work can still be found. Students can and do render each other great assistance in finding work. Strangers will be kindly received and generously helped, but success will depend upon self. Churches insist upon seeing and hearing before employing.

If a student intends paying expenses by preaching he should be here promptly at the opening of the fall term provided with sufficient money for the first term. He must visit churches in which vacancies are about to occur and make the acquaintance of the members. If diligent and capable he will very probably have work enough by the first of January. Churches usually make their arrangements for preaching at the beginning of the year.

For information, address

PROFESSOR H. C. GARVIN.

SPECIAL PRE-MEDICAL COURSE.

The work offered intending students of medicine may be so arranged as to be completed in two years. When so arranged, however, the course does not lead to a degree. It is recommended as far better that the student, if possible, pursue one of the regular four years' courses, electing the medical work as indicated on page 66 of this catalogue.

FIRST YEAR.

I. CHEMISTRY.

Three double hours per week.

General Chemistry studied by means of lectures and textbook, Remsen's Introduction to the Study of Chemistry (new edition); Remsen's Complete Work used as book of reference.

Qualitative Analysis begun. Detection of bases completed. Instruction in Qualitative Analysis given mainly by lectures, but students are required to have some standard laboratory manual on the subject. Most of the work after the first term is done in the laboratory.

II. BIOLOGY.

Four double hours per week.

General Biology, a study of the structure, functions and development of typical plants and animals; an introduction to Botany, Zoology and to the general principles of Biology. The following list of organisms will indicate the range and character of the work: Amœba, Arcella, Pleurococcus, Yeast, Bacteria, Euglena, Paramœcium, Vorticella, Globigerina, Diatoms, Mucor, Penicillium, Spirogyra, Laminaria, Chara, moss, fern, Hydra, earthworm, mussel, cray-fish, frog.

Parker's Elementary Biology and Huxley and Martin's Practical Biology are used.

III. PHYSICS.

Three hours per week.

General properties of matter; principles of motion and force; laws of motion as affected by gravity and other forces separately and combined; theory of machinery; elasticity and strength of materials.

Hydrostatics and hydrodynamics, followed by the kinetic theory of gases; the theory of undulations in elastic fluids with applications to sounds; laws controlling other waves, with application to refraction and reflection of light, and the construction and use of optical instruments.

Electricity and magnetism: Lectures on the method of generation of electricity and its application to lighting, telegraphy, the telephone and the driving of machinery. Text-books: Bowser's or Peck's Analytical Mechanics, Wright's Sound, Light and Heat, Poyser's Magnetism and Electricity.

IV. ELECTIVES.

Six hours per week.

(See pages 67-80, of this catalogue.)

SECOND YEAR.

I. CHEMISTRY.

Four double hours per week.

Qualitative analysis continued. Detection of acids, analysis of simple and mixed salts, minerals, alloys and ores. Quantitative analysis: First, by gravimetric, then by volumetric methods. Students will have sufficient practice in each to acquaint them well with the processes commonly used in quantitative analysis. Special work may be done in the analysis of milk butter, examination of waters, urine, or in any line for which the student is found qualified.

II. VERTEBRATE ANATOMY.

Three double hours per week.

General development of the Vertebrates, Classification, Geological Succession. Comparative study of the physiological apparatus of Vertebrates; the skeleton, muscular system, nervous system, sense organs, respiratory mechanisms, etc. Parallel with the above, laboratory work on *Amphioxus*, the lamprey, skate, cod, lizard, pigeon and cat. Text-books: Parker's Zootomy and Wiedersheim's Comparative Anatomy.

III. HISTOLOGY AND EMBRYOLOGY. *Two double hours per week.*

(1) A study of normal adult tissues with special attention to the Mammalian type. A knowledge of methods of hardening, staining, etc., is gained through the preparation of material by the student. (2) The development of the chick during the first three days. Laboratory work throughout the year with a weekly quiz or lecture. Text-books: Piersol's Normal Histology, Foster and Langley's Histology, Foster and Bal-four's Elements of Embryology. Pre-requisite, General Biology.

IV. PHYSIOLOGY. *Two hours per week.*

An introduction to Human Anatomy and Physiology. Martin's text-book is followed.

V. MATERIA MEDICA AND THERAPEUTICS. *Two double hours per week.*

Lectures and recitations. The department is provided with a collection of medicines embracing most of the remedies now in use, both officinal and unofficinal, thereby aiding the student in the acquisition of trustworthy knowledge regarding the physical properties and characteristics of remedial agents. For the purpose of practical instruction, from time to time, experiments will be performed on the lower animals in order to better acquaint the student with the physiological and toxic action of various drugs.

VI. HUMAN ANATOMY. *Two double hours per week.*

Gray's Anatomy: (1) Osteology, Articulations, Muscles and Fasciæ. (2) Circulatory System, Respiratory System, Nervous System, Organs of Special Function, with course of dissection. (3) Minor Surgery: Sutures, Bandages, Dressings, Methods, Preparation, Practical Work.

DEPARTMENT OF MUSIC.

To the student of music, the University can offer advantages and facilities of an unusual order. Arrangements with the Indianapolis College of Music have secured the services of its staff of teachers and assistants. The principals of the various branches taught are specialists of thorough education from the most famous schools of Europe; the assistant teachers are well trained and competent.

Pupils who are identified with the University in Literary work will be granted a diploma in music upon the completion of the following or a similar curriculum.

Two Preparatory Grades, in which arm, hand and finger touch are introduced.

Ear culture and all the more common notation figures necessary to a correct comprehension of *time*, with varied note lengths.

Finger exercises of many kinds, including Mason's two-finger exercises.

Preparation scale exercises, with scales in a rhythmic form of one or two octaves with grand arpeggio.

The studies and pieces best calculated to accomplish the desired result are used. These grades are usually completed in one year. .

FRESHMAN YEAR.

Mason's two-finger exercises continued. Scales in three octaves, in rhythmical form, with grand arpeggios in all positions. Kuhlman's Sonatines. Liebert and Stark. Velocity Studies. Some sonatas of Haydn's and pieces of various schools, old and new. Pupils in this grade will be permitted to play in private recitals and public concerts.

SOPHOMORE YEAR.

Two-finger exercises with scales and arpeggios in canon form, in difficult rhythms. Sight reading, including the best literature and musical analysis, with much theory, including phrasing and musical form in its various relations. Heller, Mozart, Bach and Mendelssohn will be studied in this connection, as well as more modern writers, and pupils will now be required to play solo numbers in both public and private recitals; and tempos must be brought to metronome time.

JUNIOR YEAR.

Scales and arpeggio in new and complicated rhythms, with minor scales and arpeggio. Sight reading in musical literature, musical analysis, velocity studies, octave studies, studies of the romantic school, with sonatas of Mozart, Beethoven and much music of the modern school of composers.

SENIOR YEAR.

Complicated technical exercises; double thirds and sixths; studies of Cramer, Kullak, etc. Almost the entire year is devoted to the study of the writers of the romantic school of composers, including Schubert's impromptus, Chopin's waltzes, nocturnes, preludes and Schumann selections, with concerted music of the best grade, including many pieces of modern times, with sight reading of the best musical literature and graduation solo.

The works of J. S. Bach to be studied in each grade; also many technical and velocity studies by Czerny and Clementi, including Clementi's Gradus ad Parnassus.

TERMS.

Piano, two lessons a week.....	\$15.00
Voice, " " "	15.00
Piano, one lesson a week.....	8.00
Voice, " " "	8.00

Harmony, in classes of six or more, one lesson per week, \$5.00.

Piano practice at reasonable rates. Address,

J. M. DUNGAN,
INDIANAPOLIS COLLEGE OF MUSIC,
Indianapolis, Ind.,
Or Musical Department of Butler University.

BURGESS HALL PREPARATORY SCHOOL.

INSTRUCTORS.

OMAR WILSON, A. B.,

Principal.

H. T. MANN, B. S.,

LIDA E. GILBERT,

EVA M. JEFFRIES, A. B.

ORGANIZATION.

The Preparatory School was formally separated from the College proper in the fall of 1890. This division of the work was made possible by the erection of a new building, Burgess Hall, and by the employment of additional instructors.

PURPOSE.

As the name suggests, it is the purpose of this school to prepare students for college. Students who expect to enter college will save time by attending a Preparatory School. This is verified every year in the case of those who come from high schools and seminaries where the studies are not arranged with reference to college work. These schools often have brief courses

in Mental Philosophy, Moral Philosophy, Chemistry and other subjects which must be studied more fully in college.

ADMISSION.

In order to enter the First Preparatory class, applicants are required to pass examinations in Descriptive Geography, Arithmetic, Elementary Physiology, U. S. History and English Grammar. Applicants for admission to the Second Preparatory must pass examination on the work of the First Preparatory and applicants for admission to the Third Preparatory on that of the Second Preparatory. See p. 101.

Exceptions to the above are made only in the case of students from other colleges and from the Indianapolis schools. Those who have completed the 8 A grade of the Indianapolis common schools may enter First Preparatory upon presenting certificates from their teachers. Those coming from the Indianapolis High School or from other colleges will be credited with whatever work of the preparatory they have completed, but will be conditioned on all not completed. These will bring certificates from the principal of the high school or the president of the college.

CLASSIFICATION.

Although a student may have the larger part of his work in the Third Preparatory, yet if he have as much as a year's deficiency in more than one study he will be classed Second Preparatory. A student similarly

deficient in the Second Preparatory will be classed First Preparatory.

ENTRANCE EXAMINATIONS.

There will be two periods for entrance examinations, one during commencement week and one during the first week of the fall term. We urge all who can to take the examinations in commencement week. In case some should fail at that time they would have the summer vacation in which to prepare for the fall examinations. Candidates for First Preparatory will have examinations as follows:

Monday, June 11, and Tuesday, Sep. 4, 1894.

Descriptive Geography.....	8-10 A. M.
Arithmetic.....	10-12 "
English Grammar.....	2- 4 P. M.

Tuesday, June 12, and Wednesday, Sep. 5, 1894.

U. S. History.....	8-10 A. M.
Physiology.....	10-12 "

Candidates for admission to the Second Preparatory will be examined:

Monday, June 11, and Tuesday, Sep. 4, 1894.

Latin (one year's work).....	8-10 A. M.
General History.....	10-12 "
English (Reed and Kellogg's <i>Higher Lessons</i> or an equivalent).	
American Literature. See p. 101.....	2- 4 P. M.

Tuesday, June 12, and Wednesday, Sep. 5, 1894.

Civil Government.....	8-10 A. M.
-----------------------	------------

Candidates for admission to the Third Preparatory will be examined:

Monday, June 11, and Tuesday, Sep. 4, 1894.

Latin (Second Preparatory work or an equivalent).....	8-10 A. M.
German (one year's work).....	10-12 "
Greek " " ".....	2- 4 P. M.

Tuesday, June 12, and Wednesday, Sep. 5, 1894.

English (Second Preparatory work).....	8-10 A. M.
Algebra (To Quadratic Equations).....	10-12 "

In the spring of 1895 the entrance examinations will be as follows:

FIRST PREPARATORY.

Monday, June 3—

Descriptive Geography.....	8-10 A. M.
Arithmetic.....	10-12 "
English Grammar.....	2- 4 P. M.

Tuesday, June 4—

U. S. History.....	8-10 A. M.
Physiology.....	10-12 "

SECOND PREPARATORY.

Monday, June 3—

Latin (one year's work).....	8-10 A. M.
General History.....	10-12 "
English (<i>Reed and Kellogg's Higher Lessons in English or an. equivalent</i>) American Literature. See p. 100.....	2- 4 P. M.
Civil Government.....	4- 5 "

THIRD PREPARATORY.

Monday, June 3—

Latin (Second Preparatory work).....	8-10 A. M.
German (one year's work).....	10-12 "
Greek " " ".....	2- 4 P. M.

Tuesday, June 4—

English (Second Preparatory work).....	8-10 A. M.
Algebra (To Quadratic Equations).....	10-12 "

It is important that these examinations shall be taken at the times appointed. Students will then be ready to begin registration on the opening day of school, Sep. 6. Those who fail to attend on the days

announced will be admitted to classes only on condition that they take the examinations as early as convenient for the instructors.

CLASSES.

In the first year all students have the same studies. In the second and third years the students choose between Greek and German. Farther than this, studies in the Preparatory are not elective.

PHYSICAL CULTURE.

Physical culture twice a week in the gymnasium is required of all Preparatory students. Young men are required to provide themselves with the *Infantry Drill Regulations of the U. S. Army*. Soft-soled shoes must also be provided. These may be procured in Indianapolis at a moderate price.

LIBRARY AND READING ROOM.

Preparatory students have the same privileges of the library and reading room as the students in College.

DECLAMATORY CONTEST.

A contest in declamation is held near the close of the third term. The first prize is ten dollars; the second, five dollars and the third, three dollars. Joseph I. Irwin, of Columbus, Ind., offers the prizes.

None but preparatory students who show interest and ability in elocution may enter this contest. Those who

wish to compete are required to make known their intention to Miss Gilbert, and to hand her their selections not later than the second week of the third term. Miss Gilbert gives special instruction to all contestants who wish help. Judges are chosen by the Faculty. This contest has proven to be a great benefit to those who take part and of much interest to all. In 1894 Bona Thompson won the first prize, Mabel Tibbott, the second and Thomas Shipp the third.

CLASSES.

FIRST YEAR.

1. ENGLISH: (a) In analysis, the text-book is *Reed & Kellogg's Higher Lessons in English*. It is usually found necessary to review first the verb paradigms.

(b) In American literature selections are studied from Hawthorne, Irving, Holmes, Longfellow and Whittier. When entering the Preparatory students usually have read very little standard literature. This course seeks not only to make them acquainted with some of the best American authors, but also to quicken their appreciation of what is really good and to secure to them correctness in their own writing. In connection with this work the class writes short compositions. Analysis twice a week. Literature three times a week. *Five hours a week.*

2. LATIN. *Lowe & Ewing's Bellum Helveticum* is used. This book employs the so-called inductive method to a limited degree. Cæsar is studied from the first. Paradigms are committed as rapidly as possible and exercises in inflection are kept up through the entire year. Idioms are not brought forward until examples are met with in the author. Portions of the text are committed to memory almost daily and these furnish a basis for oral and written translation from English into Latin. Reviews are frequent and thorough. Last year the class completed twenty-eight chapters of the first book of Cæsar. *Five hours a week.*
3. HISTORY: *Myers' General History* is used as text-book. Students are referred to the library for more complete accounts of important topics. First two terms. *Five hours a week.*

CIVIL GOVERNMENT: With the help of the text-book the constitution of the United States is studied. Portions are committed to memory. Third term. *Five hours a week.*

5. PHYSICAL CULTURE: (a) Boys: Drill from the *Infantry Drill Regulations of the United States Army*; Free-hand, dumb-bell, wand and Indian club exercises; easy work on some of the gymnastic apparatus; and gymnastic games are required of all.

(b) Girls: Military and fancy marching, free gymnastics, wands and dumb-bells. Exercises from the Emerson and the Swedish systems are also used. *Two hours a week.*

SECOND YEAR.

1. ENGLISH: (a) Rhetoric, *twice a week*. Text book, Williams'. This is continued throughout the year, and completed as far as *versification*.

(b) Literature, *twice a week*. In the first term Lowell and other American authors. This completes the course of four terms in American literature. The three succeeding terms are given to English literature. In the second term the class studies some of Scott's poems and one of his novels, and in the third term one of Shakespeare's plays. The composition work consists of one long essay each term, together with many short written exercises, all of which are usually based on the works being studied.

(c) Elocution: Special attention is given to correct respiration, articulation and voice culture. Class analyses selections from prose and poetry. Each student is required to give a declamation each term, and to receive criticism. *Shoemaker's Practical Elocution* is used as text-book once a week. *Four hours a week.*

2. LATIN: In the first and second terms the class reads four books of Cæsar, and in the third term two orations of Cicero against Catiline. There is daily exercise in prose composition, either oral or written. In recitation the class usually translates, first, the advance lesson, and then as review the lesson of the previous day. On this review is based the composition work. This method secures the student's careful attention to the text, not alone with reference to translation, but also with regard to the Latin construction and order of words. *Four hours a week.*

3. GREEK: The method in the beginning Greek is much the same as in the beginning Latin. As soon as the class learns the alphabet it takes up Xenophon's *Anabasis*. In doing this it is not the thought that the student shall at the first attempt any serious work in translation. In the first year much time must always be given to learning the forms. It is the aim, however, by daily practice in reading the text aloud, and by turning short English sentences into Greek similar to the text, to make the student ready and accurate in the use of these forms. Although chief stress is laid upon learning the paradigms and acquiring a vocabulary, yet the practice in composition also seeks to acquaint the student with the construction of Greek sentences. *Four hours a week.*

or

GERMAN: *Joynes-Meissner's German Grammar* is used as the textbook. *Joynes' Reader* is taken up as soon as the class is far enough advanced. In this year it is intended to ground the student thoroughly in the principles of German Grammar, to teach him to acquire a vocabulary and to construct sentences easily and naturally. *Four hours a week.*

4. MATHEMATICS: *Wentworth's Complete Algebra* is taken up in the first term and continued through the year. Class completes the work as far as *Quadratic Equations*, page 196. *Four hours a week.*

5. PHYSICAL CULTURE: Same kind of work as First Preparatory. See page 101. *Twice a week.*

THIRD YEAR.

1. ENGLISH: (a) *Williams' Rhetoric* completed in the first term, beginning with *versification*. *Once a week, first term.*

(b) English Literature. In the first term the class studies the *Idylls of the King* and other poems. These are made the basis of the composition work. *Once a week, first term.*

(c) Greek Mythology. In the second term the class studies Church's *Stories of the Iliad* and the *Æneid*. References are made daily to the works on mythology in the College library. It is the purpose to awaken the student's in-

terest in Greek Mythology, and to give him an intelligent conception of its main ideas. It is planned also with reference to the English work of the Freshman year. *Twice a week, second term.*

(d) Elocution. Continuation of the work of the Second Preparatory. *Once a week first term; twice a week second term; three hours a week first term; four hours a week, second term.*

2. LATIN: (a) Five books of Vergil are read the first and second terms and three orations of Cicero the third term.

(b) In composition the class uses Allen's Introduction to Latin composition. *Four hours a week.*

3. GREEK: Two books of *Xenophon's Anabasis* are read in the first and second terms and *Xenophon's Symposium* in the third term. Composition every day. *Four hours a week.*

OR

GERMAN: (a) The class reads such easy prose as that of Riehl, Hauff and Heyse. No dictionaries are to be used in this year's work. At each recitation the instructor gives to the class the words necessary for the succeeding lesson. No word is given more than once. This plan requires students to commit the vocabularies given from day to day. It also affords opportunity for training in word analysis and calling attention to the affixes and their functions.

(b) Composition—Harris. In addition to this there are frequent exercises in composition based upon the reading. *Harris' Composition* twice a week. Reading twice a week. *Four hours a week.*

4. MATHEMATICS: (a) *Wentworth's Complete Algebra* as far as Binomial Theorem, p. 316. *Two hours a week* during the first term.

(b) *Wentworth's Plain Geometry.* *Four hours a week* during the third term.

5. SCIENCE: (a) Physics—*Gage's Elements* during the first half-year. Class recites three times a week during first term and four times during first half of second term.

(b) Botany. Text book is *Spalding's Introduction to Botany.* Second half year. *Four hours a week.*

6. Physical Culture twice a week in gymnasium.

In the Third Preparatory the studies are not all so continuous as in the other two years, so the following arrangement by terms is given for the sake of clearness :

FIRST TERM.

1. *English*.— { (a) Williams' Rhetoric—Versification, *once a week*.
 (b) English Literature, *once a week*.
 (c) Elocution, *once a week*.
2. *Latin*.—Vergil—Composition, *three hours*.
3. *Greek*.—Xenophon's Anabasis—Composition, *four hours*.
 or
 German.—Reading—Composition, *four hours*.
4. *Mathematics*.—Algebra, Wentworth's Complete, *two hours*.
5. *Science*.—Gage's Elements of Physics, *three hours*.
6. *Physical Culture*.—*Two hours*.

SECOND TERM.

1. *English*.—Greek Mythology, *twice a week*.
 Elocution, *twice a week, four hours*.
2. *Latin*.—Vergil—Composition, *four hours*.
3. *Greek*.—Xenophon's Anabasis—Composition.
 or
 German.—Reading—Composition, *four hours*.
4. *Science*.—(a) Physics—first half term.
 (b) Botany—second half term, *four hours*.
5. *Physical Culture*.—*Two hours*.

THIRD TERM.

1. *Mathematics*.—Wentworth's Plane Geometry, *four hours*.
2. *Latin*.—Cicero—Composition, *four hours*.
3. *Greek*.—Xenophon's Symposium—Composition.
 or
 German.—Reading—Composition, *four hours*.
4. *Science*.—Botany, *four hours*.
5. *Physical Culture*.—*Two hours*.

CATALOGUE OF STUDENTS.

DEGREES CONFERRED—1893.

Doctor of Philosophy.

THOMAS HARVEY KUHN, A. M.....Tipton.

Master of Arts.

BENJAMIN FRANKLIN DAILEY, A. B.....Irvington.
ROBERT FRANKLIN DAVIDSON, A. B.....North Salem.
ROBERT HALL, A. B.....Kendallville.
THOMAS AARON HALL, A. B.....Centerville, Ind.
THOMAS CARR HOWE, A. B.....Irvington.
VIDA TIBBOTT, A. B.....Irvington.

Master of Science.

BENJAMIN MARSHALL DAVIS, B. S.....Whittier, Cal.

Bachelor of Arts.

STELLA BRADENIrvington.
JESSE LINCOLN BRADY.....Rensselaer.
EVELYN MITCHELL BUTLER.....Irvington.
EDWARD HARRY CLIFFORD.....Indianapolis.
JULIA FISH.....Indianapolis.
WILL DAVID HOWE.....Irvington.
LONA LOUISE IDEN.....Irvington.
MARY EOLA THOMAS.....Riverside, Cal.
BERTHA BELLE WARD.....Indianapolis.

Bachelor of Science.

HARRY SEYMORE BROWN.....Wanamaker.
FRANK HUMMEL.....Cumberland.
DANIEL WONDERLICH LAYMAN.....Irvington.
JOHN MINNICK.....Dora.
LUTHER ADDISON THOMPSON.....Acton.
FRANK FORD WILLIAMS.....Wabash.

GRADUATE STUDENTS.

ARNOLD, MARY EDNA, A. B. (University of Illinois).....	Souders, Ill.
CLARKE, WILLIAM FRANKLIN, A. B.....	Mount Auburn.
CLIFFORD, EDWARD HARRY, A. B.....	Indianapolis.
DAILEY, BENJAMIN FRANKLIN, A. M.....	Irvington.
FINDLEY, JOSEPH FRANK, A. B.....	Irvington.
HALL, ROBERT, A. M.....	Irvington.
HOWE, WILL DAVID, A. B.....	Irvington.
PERRY, FRANCES MELVILLE, A. B.....	Indianapolis.
SMITH, JAMES CHALLENGE, A. B.....	Irvington.
TAYLOR, CHARLES BURR, A. B. (Oskaloosa College).....	Indianapolis, Iowa

SENIORS.

BAKER, CHARLES ELSWORTH.....	Peru.
BARNETT, JOHN WILBERT.....	Onberg, Pa.
BRICKERT, EDWIN WALLACE.....	Irvington.
BRUER, GEORGE GREEN.....	Indianapolis.
ELLIOTT, ROSE.....	Indianapolis.
GALVIN, MARY BEMIS.....	Irvington.
GOE, CLARA MAE.....	Irvington.
HICKS, GEORGE ELMER.....	Irvington.
JOHNSON, EMMA CLAIRE.....	Irvington.
MOORE, ISABELLE AURELIA.....	Wanamaker.
MURRAY, ORA MAY.....	Olathe, Kansas.
RILEY, CHARLES ALBERT.....	Irvington.
STEVENS, CHARLES AUGUSTUS.....	Port Elgin, Ontario.
STOVER, ANNA CHARLOTTE.....	Ladoga.
SURBEY, EDITH DAISY.....	Indianapolis.
VAN SICKLE, MYRTLE.....	Fenton.

JUNIORS.

BRAYTON, MAY.....	Indianapolis.
BRAYTON, NELSON DEWEY.....	Indianapolis.

BREVOORT, HARRIET NELL.....	Columbus.
BROWN, EDWARD AUGUSTUS.....	Wanamaker.
FORSYTHE, EDGAR THOMAS.....	Trafalgar.
FOX, ANDREW NOAH.....	Indianapolis.
GALVIN, GEORGIA NOBLE.....	Irvington.
GOODYKOONTZ, EVA LOU.....	Irvington.
GREEN, DORA.....	Plainfield.
HADLEY, LORA COLLINS.....	Indianapolis.
HENDERSON, HENRY LEONARD.....	Irvington.
HOKE, GEORGE WILSON.....	Wabash.
LEPPER, MAMIE.....	Kendallville.
MACE, LAURA.....	Blocher.
MCNEAL, ROSE.....	Romona.
REEVES, GRACE MAY.....	Columbus.

SOPHOMORES.

ARMSTRONG, HORACE HOWARD.....	Kokomo.
BRADY, CLARENCE ABRAM.....	Irvington.
BUTLER, JOHN SCOT.....	Irvington.
CARPENTER, ARTHUR BLISS.....	Wabash.
CLARK, EDWARD WILLIAM.....	Indianapolis.
CULBERTSON, CHARLES WINGATE.....	Brazil.
DAVIS, JOHN QUINCY.....	North Salem.
*FIELD, GERTRUDE ETHEL.....	Indianapolis.
HOBSON, FRANK DRAKE.....	Irvington.
HYNES, AMOS PATTERSON.....	Indianapolis.
JEFFRIES, MODDIE ALICE.....	Irvington.
JEFFRIES, PEARL.....	Irvington.
LUDLOW, EARL THAYER.....	Irvington.
MOORE, KATHERINE.....	Irvington.
ORME, HENCE IRWIN.....	Glenn's Valley.
PAYNE, WILLIAM ELMER.....	Mt. Auburn.
PHILLIPS, WILLIAM ENGARDE.....	Irvington.
SIDENER, MERLE.....	Indianapolis.
SOMERVILLE, ALFRED HOLIDAY.....	Indianapolis.
THOMPSON, ETTA.....	Muncie.
THORMYER, AGNES.....	Irvington.

*Died Nov. 2, 1893.

WILLIAMS, JESSE BENTON.....	Wabash.
WRIGHT, GEORGE GOULD.....	Indianapolis.
YOKE, CHARLES RICHARD.....	Indianapolis.

FRESHMEN.

BARKER, ORNAN EASTMAN.....	Danville.
BARKER, THOMAS RILUS.....	Danville.
BREVOORT, Lulu.....	Columbus.
BURKHARDT, JAMES CALVIN.....	Irvington.
BURTON, WILLIAM SHAKESPEARE.....	Washington, D. C.
BYRAM, PERRY M.....	Irvington.
CHRISTIAN, JESSIE LANIER.....	Indianapolis.
CORE, WILLIAM FIFIELD.....	Irvington.
CURRYER, ETHEL ROUS.....	Indianapolis.
EATON, MYRON CLINTON.....	Boone Grove.
FARTHING, OMAR ALEXANDER.....	Clarksburg.
FLETCHER, MARY.....	Indianapolis.
FOSTER, ROBERT SANDFORD.....	Indianapolis.
FREEMAN, BEN.....	New Palestine.
GOE, HERBERT EDWIN.....	Irvington.
GRAHAM, ERRETT MCLEOD.....	Irvington.
HADLEY, WALTER GRESHAM.....	Danville.
HOWE, CARRIE REBECCA.....	Irvington.
HUDSON, CHARLES ROLLIN.....	Paris Crossing.
JONES, FRED. BAILY.....	Milton.
KNEPPER, GEORGE WASHINGTON.....	Somerset, Pa.
LISTER, JOHN THOMAS.....	Brookston.
MCGAUGHEY, SAMUEL.....	Irvington.
MARTIN, ROBERT ELAM.....	Greenfield.
MATTHEWS, JAMES CORYDON.....	Indianapolis.
MAXWELL, HOWARD HODGES.....	Martinsville.
PARKER, EDWARD EVERET.....	Maxinkuckee.
ROBERTS, ALONZO SWAIN.....	Irvington.
SCOTT, DONALD GAMALIEL.....	Irvington.
SHIMER, JAMES TILDEN.....	Irvington.
SHIPP, THOMAS ROERTY.....	Irvington.
SHRADER, IRA BURNS.....	Jeffersonville.

SWEENEY, NETTIE.....	Columbus.
THOMPSON, BONA.....	Irvington.
VINTON, STALLO.....	Indianapolis.
Williams, Percy Burton.....	Indianapolis.

OPTIONAL STUDENTS.

ACTON, GLENN.....	Clayton.
ALEXANDER, LENORA MAY.....	Rushville.
ANDERSON, JOHN CAMPBELL.....	Irvington.
ASHMORE, SAMUEL MONROE.....	Kansas, Ill.
ATKINSON, MARY KATHARINE.....	Wabash.
BALES, BERTON BURK.....	Indianapolis.
BARNHILL, LENORE HAZEL.....	Crawfordsville.
BARNHILL, RETTA VALERIA.....	Irvington.
BENDER, RE.....	Indianapolis.
*BIXLER, EVA MARGARET.....	Kokomo.
BLOUNT, ROLAND.....	Raleigh.
BLOUNT, WILLIS MARVIN.....	Irvington.
BRICKERT, MINNIE.....	Irvington.
CANADY, HARRY BURTON.....	Anderson.
CARTER, FRANKLIN LINDLEY.....	Indianapolis.
CLARKE, ARMSTRONG BRANDON.....	Vincennes.
CLARKE, WALTER CLEMENT.....	Shoals.
CLAWSON, JOSEPH.....	Raleigh.
FISH, WILLIAM ROSS.....	Indianapolis.
GING, VIRGIL BYRON.....	Irvington.
GRAHAM, MARY.....	Knightstown.
HAAS, CLARA.....	Wabash.
HALL, ALBERT FITCH.....	Indianapolis.
HAWKINS, SAMUEL RIPLEY.....	New Harmony.
HENLY, MINNIE.....	Irvington.
HENRY, CHARLES GRAHAM.....	Indianapolis.
HOLLETT, JOHN EVERETT.....	Indianapolis.
JOHNSON, ARTHUR ALBERT.....	Irvington.
JOHNSON, BLANCHE.....	Indianapolis.
KINGSBURY, FRANK ENOCH.....	Irvington.

*Died April 7, 1894.

LEWIS, GRANT KIRKLAND.....	Irvington.
LLOYD, ELIZA DOHRLAND.....	Arcola.
LOCEY, HERMAN TENNYSON.....	Indianapolis.
LUDLOW, CHARLES.....	Alexandria.
MOORHEAD, ALBERT LOWRY.....	Indianapolis.
MORRIS, JOSEPH FRANKLIN.....	Irvington.
MOORE, WILLIAM SMELSOR.....	Irvington.
NEGLEY, BERTHA.....	Irvington.
PHARES, OLLA INEZ.....	Oxford.
PITCHER, ELLA MAY.....	Samaria.
POPPY, DOROTHY BELLE.....	Kendallville.
RECKER, CARLOS.....	Indianapolis.
ROGERS, NEWELL.....	Indianapolis.
ROOT, WILLIAM RENSSELAER.....	Indianapolis.
RUPP, LAURA EVELYN.....	Indianapolis.
STEVENSON, BENJAMIN.....	Irvington.
STEWART, CLIFFORD.....	Rolling Prairie.
STEWART, THERESA.....	Fort Wayne.
TIBBOTT, MABEL HARRIET.....	Irvington.
TOWNS, HELEN ALVIRA.....	Ravenna, Ohio.
VAIL, HELEN CHAPIN.....	Indianapolis.
WALTS, GRACE VIVIAN.....	Marion.
WASHBURNE, IRA MILLER.....	Rensselaer.

FIRST PREPARATORY.

ADAMS, DANIEL SHIMER.....	Wanamaker.
BANNING, BESSIE MAXON.....	Irvington.
BEERMAN, WILLIAM HENRY.....	Indianapolis.
BENDER, GUY.....	Indianapolis.
BEVILLE, HENRY MONTREAL.....	Indianapolis.
BLACK, DREW.....	Indianapolis.
BLAND, MARCUS AURELIUS.....	Brownsburg.
BLANEY, LULU MAUD.....	Kendallville.
BLOUNT, EFFIE PATTERSON.....	Irvington.
BYRAM, ANNA.....	Martinsville.
CARVER, EDWIN.....	Irvington.
CARVER, GLEN DALE.....	Alexandria.

CARVER KIPPE LEONE.....	Alexandria.
EDGEWORTH, ANNA.....	Irvington.
EVANS, JAMES HIRAM.....	Kewanna.
GRAHAM, MARY CHARLOTTE.....	Irvington.
HALL, JESSE LEE.....	Laughlinstown, Pa.
LEWIS, STEPHEN.....	Eureka, Ill.
LONG, HENRY WEBSTER.....	Indianapolis.
LOOP, CARL RAYMOND.....	Orth.
LOOP, MARION.....	Mace.
LUCAS, MAX JUDAH.....	Indianapolis.
LYON, JOHN CHRISTIAN.....	Indianapolis.
McOUAT, BURFORD.....	Indianapolis.
NAUGLE, CRAWFORD.....	Laughlinstown, Pa.
NULL, MARION MICHAEL.....	Blandsville, Ill.
PACE, HENRY.....	Indianapolis.
READING, RUSS RUDOLPH.....	Irvington.
ROYSE, BENJAMIN FRANKLIN.....	Indianapolis.
SMITH, GEORGE MORACE.....	Irvington.
SMITH, SOPHIA ADELAIDE.....	Fountaintown.
SNYDER, IDA CHARLOTTE.....	Irvington.
STEVENS, JAMES HENRY.....	Bet. Bet. Victoria, Australia.
TREMBLY, CLARA ALBERTA.....	Indianapolis.
URMSTON, GUY.....	Indianapolis.
YOUNGBLOOD, JAALAH BELLE.....	Kokomo.

SECOND PREPARATORY.

BERG, HERBERT NEWTON.....	Irvington.
BROUSE, JULIA THORPE.....	Irvington.
BURFORD, ERNST HOBBS.....	Indianapolis.
CAMPBELL, BESS VIRGINIA.....	Irvington.
CAYLOR, IDA CATHERINE.....	Irvington.
CHASE, FRANK ERRETT.....	Irvington.
COMFORT, WILLIAM ERIDGE.....	Irvington.
CURRY, KITTY.....	Edwardsport.
DOBYNS, CHARLES LARNE.....	Greensburg.
FIELD, AUGUSTUS.....	Indianapolis.
FLETCHER, FANNY BENCE.....	Indianapolis.
GING, MYRTLE IDONIA.....	Irvington.

GRAHAM, ERNEST BURGESS.....	Irvington.
GRUBB, STANLEY.....	Shelbyville.
HIGGINS, OTIS CENTENNIAL.....	Lebanon.
KINCAID, HATTIE.....	Irvington.
KNOTTS, WILLIAM.....	Joliettsville.
KOEPPER, HENRY CHRISTIAN FRED.....	Indianapolis.
LITTLE, BERTHA MAY.....	Irvington.
MCALLUM, ELIZABETH GERTRUDE.....	Irvington.
MCCOLLUM, GERTRUDE.....	Indianapolis.
McMILLAN, JOHN WILLIAM.....	Irvington.
MOON, LEE WALTERS.....	Indianapolis.
MOORE, ANNA.....	Irvington.
MOORMAN, ELVET EUGENE.....	Paoli.
RECORDS, LEVI NIEBEL JAMES.....	Edinburg.
RIOCH, DAVID.....	Irvington.
ROBERTS, ETHEL BOOR.....	Irvington.
SMITH, JOHN LEE.....	Waynesville, O.
SMITH, ORREN ERNEST.....	Avon.
TOWLES, FRED.....	Irvington.
WARD, ALBERT.....	Irvington.
WARD, STELLA HAILE.....	Indianapolis.
WILSON, FRANK.....	Irvington.
WILSON, WILMER.....	Irvington.
WRIGHT, PAUL RANDALL.....	Indianapolis.
YATES, EMMETT.....	Indianapolis.

SUMMARY OF STUDENTS.

Candidates for advanced degrees.....	10
Seniors.....	16
Juniors.....	16
Sophomores.....	24
Freshmen.....	36
Optional.....	53
Second Preparatory.....	37
First Preparatory.....	36
Total.....	228

BUTLER ALUMNI ASSOCIATION.

President—F. ROLLIN KAUTZ, '87, Irvington.

Vice-President—GEORGIA BUTLER, '91, Irvington.

Secretary—ROBERT HALL, '91, Irvington.

Treasurer—D. C. BROWN, '79, Irvington.

If any friend finds errors in the entry of name, occupation or address of any alumnus as given below he will confer a favor by reporting the correct information to the President or Secretary of the Association.

CLASS OF 1856.

PHILIP BURNS, A. B., Minister (Died Oct. 16, 1857). Port Sarnia, Can.

NANCY E. BURNS, M. S. (Mrs. A. M. Atkinson).. Wabash.

JOHN KIMMONS, A. M., Minister..... Missouri.

CLASS OF 1857.

T. C. ELLIOTT, B. S..... Iowa.

W. G. HASTINGS, B. S..... Missouri.

CLASS OF 1858.

CYRUS NERVA BLOUNT, A. M. (M. D., Jefferson

Medical College), (Died Dec. 28, 1887), Phy-

sician..... Kokomo.

ORA KNOWLTON, B. S., Farmer..... New Brunswick.

W. S. MAJOR, A. M., Editor..... Fort Wayne.

JESSE WALDEN, A. M., Minister..... Lancaster, Ky.

CLASS OF 1859.

OVID D. BUTLER, A. M., Lawyer, 768 N. Penn. St. Indianapolis.

ELI V. BLOUNT, A. B., Lawyer (Died Oct. 29, 1859). Tipton.

BARZILLAI M. BLOUNT, A. M., Minister..... Irvington.

I. N. BINFORD, B. S., Lawyer (Died March 10,
1890).....Indianapolis.
AARON D. GOODWIN, A. M., Teacher (Died 1892).Salina, Kansas.
PERRY HALL, A. M., Minister (Died in service as
Chaplain, Oct. 27, 1862).....Indianapolis.
JACOB T. LOCKHART, A. M.....Spokane, Wash.
ESTEL R. MOFFET, B. S., Lawyer.....Rushville.
A. M. MOTHERSHEAD, B. S.....
LEVI HANSON, A. M., Teacher.....Missouri.

CLASS OF 1860.

JOHN P. AVERY, B. S., M. D., 449 N. East St.Indianapolis.
GEORGE CARTER, B. S., Lawyer, 72 W. Second St.Indianapolis.
JOHN A. CAMPBELL, A. M., M. D.Steamboat Springs, Col.
FRIEND C. GOODWIN, A. B., Teacher (Died April
16, 1861).....Indianapolis.
ANDREW M. GOODBAR, B. S., Lawyer (Deceased).Greencastle.
ROSS GUFFIN, A. M. (LL. B., Harvard, '61)
Lawyer.....Kansas City, Mo.
THOMAS R. LAWHEAD, B. S., Lawyer.....
WILLIAM W. LEATHERS, A. M., Lawyer (Died in
1875).....Indianapolis.
WILLIAM NIMON PICKERILL, A. M., Lawyer, 348
Ash St.....Indianapolis.
ISAAC N. PORCH, A. M., Minister (Died in 1885).Bloomington.
IRVIN ROBBINS, A. M., Manufacturer, 12 W.
North St.....Indianapolis.
JOHN M. SNODDY, A. M., M. D., Physician (Died
September 20, 1890).... Mooresville.
LYDIA E. SHORT M. S. (Mrs. James Braden)....Irvington.
ABRAM D. WILLIAMS, A. M., M. D., Oculist and
Aurist, 1407 Olive St.....St. Louis, Mo.

CLASS OF 1861.

W. W. DAUGHERTY, B. S., Captain (Retired)
U. S. ALos Angeles, Cal.
CHARLES F. LOCKWOOD, A. M., Merchant, 211-3
Wabash Ave.....Chicago.

P. J. SQUIER, A. B. (Killed at Shiloh, April 6, 1862) Hall's Corners.
 GEO. W. SPAHR, B. S., Lawyer, 346 Ash St. Indianapolis.

CLASS OF 1862.

WILLIAM H. BREVOORT, A. M., Farmer Vincennes.
 MICHAEL R. BUTTZ, A. M., Lawyer (Deceased) . . Liberty, Ill.
 JAMES A. BRUCE, B. S., Florist and Capitalist,
 700 College Ave. (Died December 13, 1893) . . Indianapolis.
 AUSTIN F. DENNY, A. M. (LL. B. Harvard, 1868),
 847 N. Delaware St. Indianapolis.
 ADDISON C. HARRIS, B. S., LL. B., 744 N. Me-
 ridian St. Indianapolis.
 ALVIN I. HOBBS, A. M., LL. D., Professor Theol-
 ogy Drake University Des Moines, Iowa.
 JOHN T. JACKSON, A. M., Lawyer (Died 1866) . . Indianapolis.
 HENRY C. LONG, A. M., Lumber Merchant, 610
 N. Pennsylvania St. Indianapolis.
 DEMIA BUTLER, A. M. (Mrs. Townley), (Died Oct.
 26, 1867) Indianapolis.
 C. ELIZA BROWN, M. S. (Mrs. W. H. Wiley) Terre Haute.

CLASS OF 1863.

H. C. GUFFIN, A. M., Lawyer, 21 Kentucky ave. Indianapolis.

CLASS OF 1864.

WICKLIFFE A. COTTON, A. M., Lawyer De Witt, Iowa.
 ALEXANDER C. EASTER, A. M., Farmer Burlingame, Kan.
 JOHN B. EASTER, A. M., Minister (Died Dec. 12,
 1885) Kansas.
 DAVID M. HILLIS, A. M., Lawyer, 3341 Prairie Ave. Chicago, Ill.
 WILLIAM H. WILEY, A. M., Sup't Schools Terre Haute.

CLASS OF 1865.

EDWARD L. BREVOORT, A. M., Farmer (Died
 March 12, 1882) Walesborough.
 JOHN S. DUNCAN, B. S. (LL. B. Harvard, 1867),
 Lawyer, 672 N. Alabama St. Indianapolis.
 JAMES H. MCCOLLOUGH, A. M., Minister Irvington, Cal.

CLASS OF 1866.

- JACOB B. BLOUNT, A. M., Minister.....Raleigh.
 HENRY H. BLACK, A. M., Real Estate Agent...Oklahoma City,O.T.
 HOWARD CALE, A. M., Lawyer, 526 Broadway...Indianapolis.
 ALFRED FAIRHURST, A. M., Professor Natural
 Sciences, Kentucky University, 351 N. Broad-
 way.....Lexington, Ind.
 KATHERINE E. COFFIN, M. S. (Mrs. Hadley)....Bloomington.
 ALICE E. SECREST, M. S. (Mrs. G. W. Snyder),
 785 N. Delaware St.....Indianapolis.

CLASS OF 1867.

- ALBERT T. BECK, A. M., Lawyer (Died April 23,
 1894), 479 College Ave.....Indianapolis.
 FRANK C. CASSEL, B. S., Sup't Schools.....Rossville.
 JOHN DENTON, A. M., Lawyer.....Zenas.
 JOHN H. LEWIS, B. S., Editor.....Anderson.
 BENJ. C. WRIGHT, B. S., Lawyer, 279 N. Dela-
 ware St.....Indianapolis.
 SAMUEL WINFIELD, B. S., Merchant.....Chanute. Kan.
 DAVID UTTER, B. S., Minister.....Salt Lake City, U.
 INDIANA CRAGO, M. S. (Mrs. A. C. Harris), 744
 N. Meridian St.....Indianapolis.

CLASS OF 1868.

- ALEX. C. AYERS, A. M., Lawyer, 31 Woodruff
 Place.....Indianapolis.
 SCOT BUTLER, A.M., President Butler University.Irvington.
 BARBARA P. BLOUNT, M. S. (Mrs. F. C. Cassel).. Rossville.
 ALCINDA T. BLOUNT, M. S. (Mrs. J. A. Canady).. Anderson.
 SAMUEL H. DUNLOP, A. M., New York City.... New York.
 JOS. W. MARSEE, A. M., M. D., Physician, 153 N.
 East St.....Indianapolis.
 MARY M. MOORE, M. S. (Mrs. McConnel).....Oxford.
 HARRY C. RAY, A. M., Auditor Shelby Co., 66 N.
 Harrison St.....Shelbyville.

ANNA W. SCOVEL, M. S. (Mrs. Chauncy Butler),
 107 Woodruff Place.....Indianapolis.
 WALTER S. SMITH, M. S., Minister.....Arlington.
 EDWIN TAYLOR, A. M., General Counsel E. & T.
 H. R. R., E. & I. R. R., and L. E. & St.
 L. R. R.....Evansville.
 GRANVILLE S. WRIGHT, B. S., Lawyer, 275 N.
 Delaware St.....Indianapolis.

CLASS OF 1869.

CHAUNCY BUTLER, A. B., Manufacturer, 107
 Woodruff Place.....Indianapolis.
 THOS. J. BYERS, A. M., Merchant.....Franklin.
 JOHN W. TUCKER, A. M., Lawyer.....Lynn, Kansas.
 LORENZO TUCKER, A. B., Minister (Deceased) .. Wabash.
 HENRY JAMESON, B. S. (M. D., Ind. Med. Coll.),
 Physician, 228 N. Delaware.....Indianapolis.
 JOHN MOORE, B. S., Lawyer, 229 N. Penn.....Indianapolis.
 WINFIELD S. RAY, B. S., Editor.....Shelbyville.
 WILLIAM P. STANLEY, B. S. (LL. B. Indiana Uni-
 versity), FarmerArlington.

CLASS OF 1870.

ALONZO G. ALCOTT, A. M. (Died Nov. 7, 1880)...St. Paul, Minn.
 AUSTIN COUNCIL, A. B., Minister (Died Mar. 11,
 1871).....Mankato, Minn.
 JOHN N. BOYS, B. S., Merchant (Deceased)....Steeles.
 JENNIE LAUGHLIN, A. B., Teacher and Mission-
 ary to Jamaica (Deceased)Indianapolis.
 THOMAS WILSON LOCKHART, A. M., Lawyer....Bakersfield, Cal.
 DANIEL BOONE WILLIAMS, A. M. (M. D., Miami
 Medical College, 1874), (Died Nov. 5, 1876)...Los Angeles, Cal.

CLASS OF 1871.

JAS. M. CULBERTSON, B. S., FarmerMalott Park.
 JOHN H. HAMILTON, B. S., Minister (Died in 1873). New Philadelphia.
 BENJAMIN F. KINNICK, A. M., FarmerGreenwood.

OSCAR F. LANE, A. M., Minister.....Bainbridge.
 EDWIN T. LANE, A. M., Minister.....Lebanon.
 JAMES W. LOWBER, A. M. (Ph. D., Sc. D., LL. D.),
 707 W. 7th St.....Ft. Worth, Tex.
 JAMES W. MONROE, A. M., Minister.....Modesto, Cal.
 ROBERT H. MYERS, A. M., Carpenter, 100 Green-
 wood St.....Indianapolis.
 JOHN A. ROBERTS, B. S., Minister.....Irvington.
 DANIEL L. THOMAS, A. M. (LL. B., Central Law
 School), Editor (Died October 29, 1893).....Rushville.
 JOHN Q. THOMAS, A. M. (LL. B., Central Law
 School), Lawyer.....Rushville.
 J. LAFE THORNTON, Business Manager *Sedalia*
Gazette.....Sedalia, Mo.
 SAMUEL E. YOUNG, A. B., Lawyer.....Cleveland, O:

CLASS OF 1872.

WALTER RALEIGH COUCH, A. B., Minister.....Friendville, Ill.
 WALTER S. CAMPBELL, B. S., Minister.....Rushville.
 NATHAN WARD FITZGERALD, A. B., Lawyer and
 Lecturer, 610 13th St., N. W.....Washington, D. C.
 GEORGE HENRY GIFFORD, A. B., Lawyer.....Tipton.
 WILLIAM IRELAN, A. B., Minister.....Eureka Sp'gs, Ark.
 CLEMENTINE IRELAN, A. B.Eureka Sp'gs, Ark.
 WILLIARD R. LOWE, A. M., Minister, 1516 North St. Logansport.
 LEANDER P. MITCHELL, B. S., (LL. B., Indiana
 University), Lawyer.....New Castle.
 WILLIAM H. TILLER, A. B., Minister.....Warsaw, Ky.
 CURTIS H. REMY, A. B., Lawyer, 215 Dearborn St. Chicago, Ill.

CLASS OF 1873.

WALTER B. FERTIG, A. B., Lawyer.....Noblesville.
 JAMES I. HOPKINS, A. B., Minister.....Bryan, Texas.
 LOUIS NEWBERGER, A. B., Lawyer, 148 N. Illinois. Indianapolis.
 ALLEN B. THRASHER, A. M. (M. D. Medical Col-
 lege Ohio), Physician, 157 W. Ninth St.....Cincinnati, O.
 WALTER S. TINGLEY, A. M. (M. D. Medical Col-
 lege Indiana), Physician, 10 W. 5th St.....Newport, Ky.

CLASS OF 1874.

JEFFREY O. CUTTS, A. B., Minister Riverside, Cal.
 THOMAS SMITH GRAVES, A. B., Live Stock Broker,
 317 N. New Jersey St. Indianapolis.
 EMMETT S. STILLWELL, A. B., Lawyer. Shelbyville.

CLASS OF 1875.

SAMUEL J. TOMLINSON, A. B., Minister. Irvington.
 HENRY C. OWEN, B. S.
 WILLIAM T. SELLERS, B. S. (Agt. Christian Pub.
 Co., St. Louis), Virginia Ave. Indianapolis..

CLASS OF 1876.

ROBERT SILAS BLOUNT, A. M., Minister (Died Oct.
 28, 1883). Irvington.
 CHARLES H. CATON, A. B., Congregational Minis-
 ter, Englewood Chicago, Ill.
 NANNIE T. CUNNINGHAM, B. S. Indianapolis.
 MELLIE B. INGELS, A. B. (Mrs. John Julian)... Irvington.
 ALONZO MARION LYSTER, A. B., Teacher (Died
 Sept. 26, 1876). Thorntown.
 WINFIELD SCOTT MOFFETT, A. B., Lawyer, 507 W.
 Main St. Crawfordsville.
 JOHN REA WOODWARD, A. M. (LL. B. Univ. of
 Virginia, 1878), Lawyer (Died June 15, 1879). New Castle

CLASS OF 1877.

JOHN T. BURTON, M. S., Real Estate, Loan and
 Insurance Agent. Emporia, Kan.
 WILLARD W. HUBBARD, B. S., Coal Dealer, 309 N.
 New Jersey St. Indianapolis.
 HICKLIN J. LANDERS, B. S., Lumber Merchant,
 379 N. Penn. St. Indianapolis.
 WILLIAM T. MASON, A. B., farmer. Mattoon, Ill.
 LAFAYETTE H. REYNOLDS, A. M. (LL. B., Central
 Law School, 1880), (Died in Oct., 1891), Lawyer. Greenfield.
 LEWIS WALLACE, A. B., Lawyer. Indianapolis.

CLASS OF 1878.

- ERNEST R. COPELAND, B. S., Physician.....Milwaukee, Wis.
 KATHERINE M. GRAYDON, A. M., Teacher High
 School.....Berkeley, Cal.
 OLIVER ROMEO JOHNSON, Ph. B., Journalist, Deni-
 son House.....Indianapolis.
 ALBERT BAYARD KIRKPATRICK, B. S. (LL. B.,
 Central Law School, 1880), Lawyer.....Kokomo.
 BIZANNA O'CONNER, A. B.....Emmitsburg, Md.
 CHARLES D. THORNTON, A. B., Pres. Indiana So-
 ciety for Savings, 92½ E. Market St.....Indianapolis.

CLASS OF 1879.

- ALBERT F. ARMSTRONG, A. M., Teacher, North-
 western Christian College.....Excelsior, Minn.
 ALEMBERT W. BRAYTON, M. S., M. D., Physician,
 808 E. Washington St.....Indianapolis.
 DEMARCHUS C. BROWN, A. M. (Greek Chair, But-
 ler University).....Irvington.
 JOSEPH A. BROWN, A. B., Lawyer.....Pontiac, Ill.
 MILES L. CLIFFORD, A. B., LL. B., Lawyer.....Tacoma, Wash.
 VINCENT G. CLIFFORD, Ph. B., LL. B., Lawyer, 347
 • N. Illinois St.....Indianapolis.
 CHARLES H. GILBERT, M. S., Ph. D., Professor,
 Leland Stanford, Jr., University.....Palo Alto, Cal.
 CLARINDA C. HARRIMAN, A. B. (Mrs. L. A. Pier).Excelsior, Minn.
 M. BELLE HOPKINS, A. B. (Mrs. P. O. Updegraffe).Irvington.
 JOSEPH B. KEALING, Ph. B., Lawyer, Brandon
 Block.....Indianapolis.
 EUGENE G. KREIDER, A. B., LL. B., Lawyer.....Tacoma, Wash.
 EDMUND G. LAUGHLIN, A. B., Pastor Miles Ave.
 Church.....Cleveland, Ohio.
 ALBERT B. LEWIS, A. M. (M. D., Indiana Medical
 College), Physician.....Hamilton, Kan.
 WILLIAM J. LHAMON, A. M., Pastor Cecil Street
 Church.....Toronto, Ontario.
 NEAL S. MCCALLUM, A. M., Minister.....Irvington.
 JANET D. MOORES, A. B., N. Penn. St.....Indianapolis.
 JOSEPHUS PEASELEY, A. B., Supt. Public Schools. Iowa Falls, Iowa.

HORACE E. SMITH, A. M. (LL. B. Harvard), Lawyer, 578 N. Pennsylvania St. Indianapolis.
 JAMES A. YOUNG, A. M., Manager New York Life Insurance Company, 26 and 29 Bee Building. Toledo, O.

CLASS OF 1880.

WILLIAM ALEXANDER BLACK, Ph. B., Attorney and Broker. Wellington, Kan.
 CLARENCE BOYLE, B. S., Lumber Merchant. . . . Chicago, Ill.
 HILTON ULTIMUS BROWN, A. M., City Editor *Indianapolis News*. Irvington.
 MARY IDA BUNKER, A. B., Principal of High School. Mechanicsburg, O.
 JAMES B. CURTIS, A. M., Lawyer. New York City.
 WILLIAM F. ELLIOTT, A. B., Lawyer, 837 N. Meridian St. Indianapolis.
 FLORA FRAZIER, Ph. B. (Mrs. P. M. Dill), 281 Bellefontaine St. Indianapolis.
 THOMAS W. GRAFTON, A. M., Minister. Sterling, Ill.
 LETITIA B. LAUGHLIN, B. S., M. D., Physician, 54 High St. Warren, O.
 EMMA C. SWAIN, Ph. B. (Mrs. Dwyer). Indianapolis.
 MINNIE TRESSLAR, Ph. M., Teacher in High School, 1023 West Fourth St. Marion.
 WALTER O. WILLIAMS, Ph. B. (with E. C. Atkins & Co.), 68 Talbott Ave. Indianapolis.

CLASS OF 1881.

LEVI P. AYRES, B. S., Farmer, Michigan Ave . . . Indianapolis.
 MARY E. COUSE, B. S. (Mrs. O. P. Gould), (Died 1892). Winona, Minn.
 EDWARD W. DARST, A. B., Minister. Boston, Mass.
 WALTER M. FLOYD, A. B., LL. B., (Central Law School, 1882), Lawyer (Died August 26, 1882). St. Paul.
 W. HENRY GROVE, Ph. B., Lawyer. Glasgow, Ky.
 LORA C. HOSS, A. B., Merchant Kokomo.
 COLIN E. KING, A. B., Lawyer. New York City.
 SOLOMON METZLER, A. M., Teacher and Minister. Wauseon, O.

LOUIS MORGAN, A. M., Teacher, 1249 E. Wash. St. Indianapolis.
 MINNIE OLCOTT, A. B. (Mrs. Williams), 68 Tal-
 bott AveIndianapolis.
 LIZZIE G. SMITH, Ph. B. (Mrs. Isaac Harlan), 68
 Michigan Ave.....Indianapolis.
 SILAS A. WURTZ, A. B., Minister

CLASS OF 1882.

CLAUDE HARRISON EVEREST, A. B., FarmerHutchinson.
 TADE HARTSUFF, Ph. B. (Mrs. J. B. Kuhns)Greensburg, Pa.
 BURGESS L. McELROY, A. B., General Insurance
 Agent.....Mt. Vernon, O.
 LEWIS A. PIER, A. M., President Northwestern
 Christian CollegeExcelsior, Minn.
 MAY LOUISE SHIPP, Ph. B., 540 N. Delaware St. Indianapolis.
 MARCELLUS J. THOMPSON, A. M. (University of
 Michigan), Professor of Chemistry and Phys-
 ics, University of Missouri (Died December
 17, 1890.).....Columbia, Mo.

CLASS OF 1883.

ROBERT L. DORSEY, A. B., Tucker & Dorsey, Man-
 ufacturers, 233 Central AveIndianapolis.
 JEAN H. EVEREST, A. M., Lawyer.....Oklahoma City O. T.
 REVILLO P. HALDEMAN, Ph. B., Loan AgentSpringfield, Mo.
 MARGARET A. HUSTED, Ph. M., 69 English Ave. Indianapolis.
 THOMAS M. IDEN, Ph. M., Chair of Chemistry and
 Physics, Butler UniversityIrvington.
 CAREY E. MORGAN, A. M., Minister.....Wabash.
 MARTIN A. MORRISON, A. B. (LL. B. University of
 Virginia, 1886), Lawyer.....Frankfort.
 MILTON O. NARAMORE, A. M., LL. B., Lawyer,
 Sec. The Kent Law School, 614 Ashland Blk.,
 59 Clark St.....Chicago, Ill.
 CORA M. SMITH, A. M., Teacher.....Irvington.

CLASS OF 1884.

LEWIS CLARK BREEDEN, A. B., Editor.....Summum, Ill.
 SHERMAN TOWN BURGESS, A. B., Real Estate Agt. Scott, Kan.

ALBERT MUNSON CHAMBERLAIN, A. M., Minister. Lexington, Ky.
 LOT DICKSON GUFFIN, A. B., Lawyer. Rushville.
 FRANCES ELLEN HUSTED, A. B. (Mrs. W. H. Barr),
 69 English Ave. Indianapolis.
 GRACE GIDDINGS JULIAN, Ph. M. (Mrs. C. B.
 Clarke). Irvington.
 WM. WALLACE KNAPP, Ph. B., Abstractor of
 Titles Irvington.
 JOHN BUGHER KUHN, A. B., Merchant. Greensburg, Pa.
 MARY LUCINDA LAUGHLIN, Ph. B., Professor of
 Music. Marion, Ala.
 MATTIE MCCLURE, A. B., Teacher. Millersburg, Ky.
 JOHN MCKEE, A. B., Minister. Jefferson, Iowa.
 ELLA MAY DAILEY (Mrs. C. E. Morgan), Ph. B. Wabash.
 ELMER ISAAC PHILLIPS, B. S., Lawyer. New Castle, Pa.
 ROBERT SELLERS, A. B., Minister. South Bend.
 JAMES HENRY O. SMITH, A. B., Minister. Valparaiso.
 WM. CLEMENT SMITH, B. S., Civil Engineer. Irvington.
 JOHN FRANCIS STONE, B. S., Lawyer. Guthrie, Okla.
 MATTIE WADE, Ph. M. (Mrs. W. B. Parks). Thorp's Springs, Tex.

CLASS OF 1885.

RICHARD F. BIGGER, Ph. B., M. D., cor. Delaware
 and North Sts. Indianapolis.
 ARTHUR V. BROWN, Ph. B., Prosecuting Attorney
 of Marion Co., 92½ E. Washington St. Indianapolis.
 EDMUND H. HINSHAW, A. B., Lawyer. Fairbury, Neb.
 JOHN A. KAUTZ, A. M., Editor Gazette-Tribune. Kokomo.
 CHARLES A. MARSTELLER, Ph. B., Broker. Lafayette.
 LOURETTA E. MORGAN, Ph. B. (Mrs. Robert
 Sellers). South Bend.
 ELECTA MURRY, Ph. B. (Mrs. O. M. Pruitt), 49
 Columbia Ave. Indianapolis.
 DORA A. PENDLETON, Ph. M. (Mrs. C. C. Riley). Indianapolis.
 FANNIE M. PHILLIPS, B. S. (Mrs. J. F. Stone). Guthrie, Okla.
 ORAN M. PRUITT, A. M. (with Indiana Lumber
 and Veneer Co.), 49 Columbia Ave. Indianapolis.

CLASS OF 1886.

IDA MAY FINDLEY, A. B.	Irvington.
JOHN PAUL FINDLEY, A. B., Contractor.....	Irvington.
ROBERT ALEXANDER GILCREST, A. M., Minister.....	Centerville, Ia.
JULIET HOLLAND, Ph. B.	Washington, D. C.
THOMAS UNDERWOOD RAYMOND, A. B., M. D.	Vancouver Barracks, Wash.
MYRTELLA SEWALL, Ph. B. (Mrs. Wetzell), 615 Tremont St., Englewood.....	Chicago, Ill.
CORRINE T. THRASHER, Ph. B. (Mrs. O. O. Car- vin).....	Irvington.

CLASS OF 1887.

DORA GRACE BLOUNT, Ph. B., Teacher.....	Irvington.
LAWSON A. COBLE, A. B., Minister.....	Oakland City.
ERASTUS S. CONNER, A. B., Minister.....	Noblesville.
BENJAMIN F. DAILY, A. M., Minister.....	Greenfield.
EMMETT W. GANS, Ph. B. (with Aultman, Taylor & Co.).....	Pierce, O.
JENNIE GRAYDON, A. B., Teacher, 288 Central Ave	Indianapolis
F. ROLLIN KAUTZ, A. M., (with Bowen-Merrill Co.).....	Indianapolis.
JAMES S. MCCALLUM, A. B., Minister.....	Olympia, Wash.
GERTRUDE R. MAHORNEY, Ph.M., Teacher, 358 W. Second St.	Indianapolis.
MARTHA O. MURRY, Ph. B. (Mrs. E. W. Hoover), 13 Reisner St.	Indianapolis.
JOHN A. RELLER, A. B., Minister.....	Sidney, O.
ARTHUR W. SHOEMAKER, Ph. B., Minister	Andrews.
SALLIE B. THRASHER, B. S. (Mrs. A. J. Brown). Grand Rapids, Mich.	
HENRY M. TONER, B. S., M. D	Shelbyville.
FRED M. WADE, B. S., Teacher.....	Thorp's Springs, Tex.
OMAR WILSON, A. B., Principal Burgess Hall Preparatory School	Irvington.
ELIAS P. WISE, A. B., Minister.....	Massillon, O.

CLASS OF 1888.

- WILLIAM WILSON BUCHANAN, A. B. (with Bowen-Merrill Book Co.) Kansas City, Mo.
- GEORGE HARRIS CLARKE, B. S., Minister, 330 W. First St. Indianapolis,
- JOHN DEEM FALL, B. S., Postal Clerk, L. S. & M. S. R. R. Cleveland, O.
- ELTON ANDREW GONGWER, A. B., Lawyer, 2588 Broadway Cleveland, O.
- KATE BLANCHE HADLEY, Ph. B., Teacher Danville.
- ARCHIBALD McCLELLAND HALL, A. M., Ph. D., Instructor, Butler University Irvington.
- OSCAR CLEMENS HELMING, Ph. B., Student Union Theological Seminary, 50 E. 70th St. New York City.
- WILLIAM CLARENCE McCULLOUGH, A. M. (Univ. Mich. '90) Stockwell.
- FRANK HAMILTON MARSHALL, A.M., Prof. Greek and Hebrew, Northwestern Christian College. Excelsior, Minn.
- HUGH THOMAS MILLER, A. B., Prof. of History and French, Butler University Irvington.
- LOUIS JACKSON MORGAN, Ph. B. (LL. B. Yale), Attorney at Law Indianapolis.
- JOHN CAMPBELL MORRISON, A. B., Real Estate, Loan and Abstract Office Frankfort.
- WILLIAM MULLENDORE, A. B., Minister Somerset, Pa.
- JAMES BUCHANAN PEARCY, Ph. B., Principal High School Anderson.
- MARY PADDOCK, A. B., Printer and Publisher. Indianapolis.
- GEORGE WASHINGTON REDMON, JR., Ph. B., M. D., Physician Champaign, Ill.
- JAMES CHALLEN SMITH, A. B., Minister Irvington.

CLASS OF 1889.

- JENNIE E. ARMSTRONG, A. B. (Mrs. T. C. Howe) . Irvington.
- PERRY H. CLIFFORD, Ph. B., Commercial Traveler, 374 N. West St Indianapolis.
- TROUSSEAU DAILEY, Ph. B., Merchant E. Washington St Indianapolis.

E. EDWIN FRAZIER, B. S., Bookkeeper.....Indianapolis.
 WILLIAM H. GRAFFIS, Ph. B., Journalist.....Logansport.
 THOMAS C. HOWE, A. M., Prof. Germanic Lan-
 guages, Butler University.....Irvington.
 GENEVRA HILL, Ph. B. (Mrs. Kirkman).....Richmond.
 WILLIAM G. IRWIN, B. S., Banker.....Columbus.
 MARK A. LEMILLER, Ph. B.....Hutchinson, Kan.
 URBAN C. MALLON, Ph. B.Francesville.
 JOSEPH R. MORGAN, Ph. B. (M. L. Yale), Attorney
 at Law.Indianapolis.
 JOHN J. MAHORNEY, Ph. B., Surveyor (Died 1892) .Irvington.
 WILLIAM F. ROSS, A. B., Minister.....Edwardsport, Ill.
 FLORA SHANK, Ph. B., Stenographer, Sec. State
 Y. W. C. A.Irvington.
 CLARA L. SHANK, A. M., Teacher.....Irvington.

CLASS OF 1890.

ROMAIN BRADEN, A. B.Irvington.
 BENJAMIN MARSHALL DAVIS, B. M., Teacher of
 Science, Whittier College.....Whittier, Cal.
 JOHN FRANK FINDLEY, A. B., Minister.....Irvington.
 CHARLES M. FILLMORE, A. B., Minister.....Peru.
 OTIS WEBSTER GREEN, B. S. (with Indianapolis
 Drug Co.), 348 N. Delaware St.....Indianapolis.
 JULIA MERRILL GRAYDON, A. B. (Mrs. Alexander
 Jameson), 17 E. North St.....Indianapolis.
 J. NEWTON JESSUP, A. B., Minister.....Flat Rock.
 INDIANA LOUISIANA MARTZ, A. B., Teacher.....Kokomo.
 FRANK HAMILTON MARSHALL, A. M.....Excelsior, Minn.
 TACE CLARA BELLE MEEKER, A. B., Teacher....Sullivan, Ill.
 FRANK D. MUSE, A. B., Minister.....Buena Vista, Pa.
 HENRY THOMAS MANN, B. S., Teacher Prepara-
 tory Department, Butler University.....Irvington.
 JOHN D. NICHOLS, A. M. (M. D., Ind. Med. Coll.),
 1 Broadway.....Indianapolis.
 LAZ NOBLE, A. B.Irvington.
 HENRY STEWART SCHELL, A. M.....Irvington.
 ALEXANDER CAMPBELL SMITHER, A. B., Minister .Los Angeles, Cal.

AUGUSTA L. STEVENSON, A. B., Teacher.....Irvington.
 VIDA C. TIBBOTT, A. M.....Irvington.
 T. H. KUHN (A. B., Wabash), A. M., Ph. D., Minister.....Tipton.

CLASS OF 1891.

GEORGIA E. BUTLER, A. B.....Irvington.
 MARY I. BROUSE, A. B., Teacher.....Irvington.
 ROBERT P. COLLINS, A. B., Stenographer (with
 Morgan & Morgan, E. Washington St.).....Indianapolis.
 MARK COLLINS, A. B., Medical Student.....Indianapolis.
 EUGENE J. DAVIS, B. S. (M. D., Ind. Med. Coll.),
 City Hospital.....Indianapolis.
 CHARLES L. DEHAAS, A. B., Law Student.....Hillsboro, O.
 WILLIAM P. HAY, M. S., Teacher Science, High
 School.....Washington, D. C.
 ROBERT HALL, A. M., Minister.....Irvington.
 EVA M. JEFFRIES, A. B., Instructor Preparatory
 School.....Irvington.
 ELIZABETH D. LAYMAN, A. B.....Irvington.
 H. W. MCKANE, A. B., Minister.....Jeffersonville.
 JESSE H. MAVITY, A. B., Minister.....Kewanna.
 PERRY T. MARTIN, A. B., Teacher.....Crawfordsville.
 EMERSON W. MATTHEWS, A. B., Minister.....Red Bluff, Cal.
 RAY D. MEEKER, B. S., Lawyer.....Sullivan, Ill.
 GRACE L. MURRAY, A. B., Teacher.....Indianapolis.
 W. G. MCCOLLEY, A. B., Minister.....Bloomington, Mich.
 FRANCES M. PERRY, A. B., 57 Broadway.....Indianapolis.
 LUTHER E. SELLERS, A. B., Minister.....New Albany.

CLASS OF 1892.

BOWEN C. BOWEL, A. B., Medical Student, Col-
 lege of Physicians and Surgeons, Chicago...Rolling Prairie.
 JOHN M. BREVOORT, A. B., Farmer.....Vincennes.
 REED CARR, A. B., Teacher.....Noblesville.
 WILLIAM F. CLARKE, A. B., Ministerial Student,
 Butler University.....Mt. Auburn.

R. FRANKLIN DAVIDSON, A. M. (with Bowen-Merrill Co.).....	Indianapolis.
THOMAS AARON HALL, A. M., Minister.....	Centerville.
GERTRUDE JOHNSON, A. B.....	Irvington.
W. FRANK LACY, A. B., Lumber Merchant.....	Poplar Grove, Ark.
ALFRED LAUTER, A. B., Business.....	Indianapolis.
LECTANIA MAY NEWCOMB, A. B., Teacher.....	Irvington.
SAMUEL H. SHANK, A. B., Business.....	Irvington.
WILLIAM SNODGRASS, A. B., Teacher.....	Cyclone.
BERTHA THORMYER, A. B., Teacher.....	Niles, Mich.
AVERY A. WILLIAMS, A. B., Supt. Wabash Co. Schools (Died Jan. 17, 1894).....	Wabash.
DE MOTTE WILSON, A. B., Teacher.....	Irvington.

CLASS OF 1893.

STELLA BRADEN, A. B.....	Irvington.
JESSE LINCOLN BRADY, A. B., Minister.....	Rensselaer.
HARRY SEYMOUR BROWN, B. S.....	Wanamaker.
EVELYN MITCHELL BUTLER, A. B.....	Irvington.
EDWARD HARRY CLIFFORD, A. B., Theological Student, Butler University.....	Irvington.
JULIA FISH, A. B.....	Indianapolis.
WILL DAVID HOWE, A. B.....	Irvington.
FRANK F. HUMMEL, B. S., Teacher.....	Cumberland.
LONA LOUISE IDEN, A. B., Teacher.....	Irvington.
DANIEL WONDERLICH LAYMAN, B. S., Medical Student.....	Irvington.
JOHN MINNICK, B. S., Teacher.....	Dora.
MARY EOLA THOMAS, A. B.....	Irvington.
LUTHER ADDISON THOMPSON, B. S.....	Acton.
BERTHA BELLE WARD, A. B.....	Indianapolis.
FRANK FORD WILLIAMS, B. S.....	Wabash.

HONORARY DEGREES CONFERRED.

- *HON. OLIVER P. MORTON, LL. D., 1871.
- *HON. CONRAD BAKER, LL. D., 1871.
- *HON. JAMES A. GARFIELD, LL. D., 1871.
PROF. ALLEN R. BENTON, LL. D., 1871.
- *HON. HORATIO C. NEWCOMB, LL. D., 1871.
HON. WILLIAM M. FRANKLIN, LL. D., 1871.
- *OVID BUTLER, LL. D., 1871.
HON. BYRON K. ELLIOTT, A. M., 1871, Judge Supreme Court, Indianapolis, Ind.
PROF. A. C. SHORTRIDGE, A. M., 1871.
- *HON. MILTON B. HOPKINS, A. M., 1871.
PROF. CATHERINE MERRILL, A. M., 1871, Teacher, Indianapolis, Ind.
CHARLES E. HOLLENBECK, A. M., 1871, Publisher, Indianapolis, Ind.
PROF. ELI F. BROWN, B. S., 1876.
PROF. J. O. HOPKINS, A. M., 1876.
JUDGE JOHN A. HOLMAN, A. M., 1877.
PRES. DAVID S. JORDAN, Ph. D., 1877, President Leland Stanford, Jr., University, Palo Alto, Cal.
- *PRES. OTIS A. BURGESS, LL. D., 1877.
PROF. MELVILLE B. ANDERSON, A. M., 1878, Professor English Literature, Leland Stanford, Jr., University.
PROF. DELASKIE MILLER, Ph. D., 1879, Physician (Specialist), Chicago, Ill.
PROF. ELI F. BROWN, M. S., 1880, Superintendent Public Schools, Riverside, Cal.
MARION THRASHER, A. M., M. D., 1883.
J. H. McCULLOUGH, A. M., 1883.
- *DR. RUFUS BLOUNT, A. M., 1883, Physician, Wabash, Ind.

*Deceased.

- DR. F. GRAYSTON, A. M., 1883, Physician, Huntington, Ind.
- ALVIN I. HOBBS, LL. D., 1885, Minister, Dean Theologic al Fac. Drake University, Des Moines, Iowa.
- *ISAAC ERRETT, LL. D., 1886, Editor *Christian Standard*, Cincinnati, O.
- PRES. A. G. THOMAS, LL. D., 1886, President Burritt College, Spencer, Tenn.
- PRES. S. R. CRUMBAUGH, LL. D., 1886, President South Kentucky College, Hopkinsville, Ky.
- PRES. W. Y. TAYLOR, A. M., 1886, President Lagarto College, Lagarto, Texas.
- PROF. HARRIET NOBLE, A. M., 1886, Professor English Literature, Butler University, Irvington, Ind.
- W. T. MOORE, LL. D., 1887, Minister and Editor, London, Eng.
- ISAAC A. HARVEY, Ph. D., 1887, Geologist, Penn.
- MILTON J. MALLORY, A. M., 1887, Superintendent City Schools, Crown Point, Ind.
- CHARLES LOUIS LOOS, LL. D., 1888, President Kentucky University.
- HON. Z. T. SWEENEY, LL. D., 1889, Columbus, Ind.
- LIEUT. THOMAS U. RAYMOND, A. M., 1890, Vancouver Barracks, Wash.
- J. L. DICKENS, LL. D., 1891, President Texas Female Seminary, Weatherford, Texas.
- LEWIS A. PIER, A. M., 1891, President Northwestern Christian College, Excelsior, Minn.
- DORMAN S. KELLY, A. M., 1892, Department Natural History, State Normal School, Emporia, Kansas.

*Deceased.

THE ANNUAL CATALOGUE
OF
BUTLER COLLEGE

IRVINGTON, INDIANA

For the Fortieth Session

1894-'95

WITH ANNOUNCEMENTS FOR 1895-'96



INDIANAPOLIS

CARLON & HOLLENBECK, PRINTERS AND BINDERS

1895

TABLE OF CONTENTS.

	PAGE.
CALENDAR	5-6
BOARD OF DIRECTORS.....	7
FACULTY	8-9
ORGANIZATION: Historical Sketch, Directorship, Financial Condition, Educational Purpose, Religious Influences, Higher Education of Women, Facilities for Self-support by Students, Pecuniary Assistance to Students, Christian Associations, Butler Collegian, Other Student Organizations, Oratorical Association, Athletic Association, Gymnasium Practice, Literary and Musical Advantages, Popular Lectures, Optional and Special Students, Graduate Students, Memorial Gifts.....	11-24
LOCATION AND BUILDINGS: Location and Surroundings, Main College Buildings, Burgess Hall, Astronomical Observatory, Boarding Hall, Library, Museum, Chemical Laboratory, Gymnasium.....	25-32
DEPARTMENTS OF INSTRUCTION: The Bible, Philosophy, Civics, Mathematics, Latin, Greek, English, German, French, Natural History, Botany, Geology, Physics, Chemistry, Elocution, Physical Culture, Military Drill	33-51
ADMISSION: To whom Open, Entrance Examinations, Admission on Examination, Examination of Optional Students, Admission without Examination, High School Graduates, Admission to Advanced Standing..	52-56
RESIDENCE: Registration, Enrollment Each Term, Religious Duties, Class Exercises, Final Examinations of the Term, Exemption from Examinations, Classification of Students, Term Reports, Prize Contests, Payments to the College, Tuition in Music School, Expense of Residence.....	57-62
GRADUATION: General Requirements, Baccalaureate Degrees, Baccalaureate Theses, Advanced Degrees.....	63-65

COURSES OF STUDY: General Course (1).....	66
General Course (2).....	66
Pre-Law Course.....	66
Pre-Medical Course.....	66
Pre-Ministerial Course.....	66
Work of Freshman Year.....	67-70
Work of Sophomore Year.....	70-73
Work of Junior Year.....	73-77
Work of Senior Year.....	77-80
BIBLE SCHOOL.....	81-87
SPECIAL PRE-MEDICAL COURSE.....	88-90
SCHOOL OF MUSIC.....	91-93
BURGESS HALL PREPARATORY SCHOOL: Instructors, Organ- ization, Purpose, Admission, Classification, Examina- tions, Classes, Physical Exercise, Library and Reading Room, Contest in Declamation, Methods of Instruction, Courses of Study	94-105
CATALOGUE OF STUDENTS	106-113
ALUMNI	114-129
HONORARY DEGREES CONFERRED.....	130-131

COLLEGE CALENDAR.

1895-'96.

FALL TERM.

- September 5..Thursday.....Entrance Examination.
September 6..Friday.....Registration of Students.
September 7..Saturday.....Assignment of work.
September 10..Tuesday.....Instruction begins.
October 9..Wednesday...Quarterly Meeting Board Directors.
November 15..Friday.....Junior Class Prize Orations.
November 26..Tuesday.....Term Examinations begin.
November 27..Wednesday...Fall Term ends.

WINTER TERM.

- December 4..Wednesday...Registration of Students.
December 5..Thursday.....Instruction begins.
December 10..Tuesday.....Oratorical Primary Contest.
December 21..Saturday.....Subjects of Theses for Degrees announced.
December 24..Tuesday.....Christmas Vacation begins.
January 2..Thursday.....Christmas Vacation ends.
January 8..Wednesday...Quarterly Meeting Board Directors.
February 7..Friday.....Founders' Day.
February 22..Saturday.....Washington's Birthday.
March 6..Friday.....Term Examinations begin.
March 7..Saturday.....Winter Term ends.

SPRING TERM.

March	17..Tuesday.....	Registration of Students.
March	18..Wednesday...	Instruction begins.
April	8..Wednesday...	Quarterly Meeting Board Directors.
May	12..Tuesday.....	Commencement Theses due.
May	30..Saturday.....	Decoration Day.
June	3..Wednesday...	Closing Chapel Exercises.
June	4..Thursday.....	Final Examinations.
June	5..Friday.....	Final Examinations.
June	5..Friday.....	Sophomore Prize Orations.
June	6..Saturday.....	Final Examinations.
June	6..Saturday.....	Preparatory Department Contest in Declamation.
June	7..Sunday.....	Baccalaureate Address.
June	8..Monday.....	Field Sports.
June	8..Monday.....	President's Reception.
June	9..Tuesday.....	Class Day Exercises.
June	9..Tuesday.....	Alumni Reunion.
June	10..Wednesday...	Forty-first Annual Commencement.

BOARD OF DIRECTORS.

A. F. ARMSTRONG.....	KOKOMO,	IND,
A. M. ATKINSON.....	WABASH,	"
A. W. BRAYTON, M. D.....	INDIANAPOLIS,	"
U. C. BREWER.....	DANVILLE,	"
H. U. BROWN, A. M.....	INDIANAPOLIS,	"
CHAUNCEY BUTLER, A. B.....	INDIANAPOLIS,	"
H. B. CALE, A. M.....	INDIANAPOLIS,	"
A. M. CHAMBERLAIN, A. M.....	IRVINGTON,	"
JOHN S. DUNCAN, LL. B.....	INDIANAPOLIS,	"
C. E. HOLLENBECK, A. M.....	INDIANAPOLIS,	"
JOSEPH I. IRWIN.....	COLUMBUS,	"
P. H. JAMESON, M. D.....	INDIANAPOLIS,	"
ALBERT JOHNSON.....	IRVINGTON,	"
F. ROLLIN KAUTZ, A. M.....	IRVINGTON,	"
T. H. KUHN, PH. D.....	TIPTON,	"
C. E. MORGAN, A. M.....	MINNEAPOLIS, MINN.	
WM. MULLENDORE, A. M.....	SOMERSET, PA.	
S. D. NOEL.....	INDIANAPOLIS, IND.	
M. T. REEVES.....	COLUMBUS,	"
J. T. STRONG, M. D.....	PLAINFIELD,	"
C. E. THORNTON, A. B.....	INDIANAPOLIS,	"

OFFICERS OF THE BOARD.

A. F. ARMSTRONG.....	<i>President.</i>
SIMEON FRAZIER.....	<i>Secretary.</i>
A. M. CHAMBERLAIN.....	<i>Financial Agent.</i>
SCOT BUTLER.....	<i>Treasurer.</i>

STANDING COMMITTEES.

<i>On Finance and Auditing,</i>		
P. H. JAMESON,	H. B. CALE,	C. E. HOLLENBECK.
<i>On Buildings, Grounds and Real Estate,</i>		
C. E. THORNTON, ALBERT JOHNSON, S. D. NOEL, WM. MULLENDORE.		
<i>On Library, Apparatus and Cabinets,</i>		
F. ROLLIN KAUTZ,	J. T. STRONG,	C. E. MORGAN,
U. C. BREWER,	H. U. BROWN.	
<i>On Instructors, Salaries and Condition of Schools,</i>		
H. U. BROWN, A. W. BRAYTON, A. M. CHAMBERLAIN, T. H. KUHN.		
<i>On Judiciary and Claims,</i>		
J. S. DUNCAN,	A. M. ATKINSON,	J. I. IRWIN, J. T. STRONG.
<i>On Boarding Hall,</i>		
A. M. ATKINSON,	CHAUNCEY BUTLER,	M. T. REEVES,
	ALBERT JOHNSON.	

FACULTY.

SCOT BUTLER, A. M., PRESIDENT,

Professor of Latin Language and Literature.

ALLEN R. BENTON, LL. D.,

Professor of Philosophy and Biblical Literature.

WILLIAM M. THRASHER, A. M.,

Professor of Mathematics.

HUGH C. GARVIN, A. M.,

Professor of Biblical Philology.

DEMARCHUS C. BROWN, A. M.,

Anderson Professor of Greek Language and Literature.

FLORA BRIDGES, A. M.,

Demia Butler Professor of English Literature.

THOMAS M. IDEN, PH. M.,

Professor of Chemistry and Physics.

THOMAS C. HOWE, A. M.,

Armstrong Professor of Germanic Languages.

HUGH TH. MILLER, A. M.,

Professor of History and French.

HENRY L. BRUNER, A. M.,

Professor of Biology and Geology.

ARCHIBALD M. HALL, A. M., PH. D.,

Professor of Hebrew.

FRANK F. HUTCHINS, M. D.,

Demonstrator of Anatomy.

JOHN D. NICHOLS, A. M., M. D.,

Instructor in Materia Medica and Therapeutics.

- THOMAS M. DEFREES, LIEUT. U. S. A.,
Instructor in Military Tactics.
- J. M. DUNGAN,
Director of the Department of Music.
- HENRY T. MANN, B. S.,
Director of Physical Culture.
- LIDA E. GILBERT,
*Teacher of Elocution and Director of Physical Culture
for Women.*
- ROBERT HALL, A. M.,
Assistant Instructor in Latin.
- CHARLES A. STEVENS, A. B.,
Assistant Instructor in German.
- CHARLES W. CULBERTSON,
Laboratory Assistant in Chemistry.

BURGESS HALL PREPARATORY SCHOOL.

OMAR WILSON, A. B.,
Principal.

MARY E. WILSON,
HENRY T. MANN, B. S.,
EVELYN M. BUTLER, A. B.,
Assistants.

D. C. BROWN, *Librarian.*

CLARA M. GOE, *Assistant Librarian.*

SUPERINTENDENT BOARDING HALL—P. O. UPDEGRAFF.

ORGANIZATION.

HISTORICAL SKETCH.

In the general conventions of the Christian churches of Indiana the founding of an institution of higher education first began to be discussed in the year 1841. A few years later a definite resolution committing them to this work was adopted. After a full canvass of the State in 1849, in order to ascertain the views of those interested in the undertaking, it was decided to build such an institution at Indianapolis, under the name of the Northwestern Christian University. A charter both liberal and comprehensive, and fitted to promote the purposes of its projectors, was obtained from the Legislature. This charter went into effect January 15, 1850, and the University was formally opened November 1, 1855. The charter provides for a joint-stock corporation, the shares of whose stock are fixed at \$100 each; on which, when paid up, or when interest on the same is regularly paid, the stockholder receives 6 per cent. per annum, payable in tuition. An amount of subscriptions sufficient for a beginning was received within about eighteen months, and then the commissioners, under the charter, proceeded to erect a substantial building and to organize the various depart-

ments and courses of study. In 1873 it was determined to remove to Irvington, and in 1875 instruction of the college classes was begun in the new location. This removal was prompted in part by financial considerations, for the real estate belonging to the University, having been included within the city limits, had greatly appreciated and the corporation, by putting it on the market as city lots, was able to increase largely its financial resources. It was felt, too, that a quiet suburb, withdrawn somewhat from the distractions of the city, would afford a more desirable place of residence for students. Experience has demonstrated the correctness of this view and the wisdom of the removal.

The change in the name of the institution was made February 28, 1877, after full deliberation by the Board of Directors. This change does not affect any chartered obligations of the corporation in respect to property or graduates, or its purposes, all of which have been determined by a legislative act and the recorded resolutions of the Board of Directors.

DIRECTORSHIP.

The general control of the affairs of the corporation is vested in a board of directors, consisting of twenty-one members. These directors are chosen by vote of the stockholders from their number, a meeting for the purpose being held every third year at the office of the secretary of the board, at 2 o'clock P. M., of Commencement Day. A stockholder is entitled to one vote for each share of stock owned by him, and can vote in

person or by proxy. Any stockholder is eligible to membership on the board. The members of the board serve without pay. A newly elected board organizes by choosing a president, a secretary and a treasurer. The next election of directors will be held in the year 1897.

PRESENT FINANCIAL CONDITION.

The financial resources of the institution have been made to suffice for all work so far undertaken. The property of the corporation is in a highly satisfactory shape, and its endowment is kept well invested, yielding an assured income. The affairs of the corporation are in the hands of a board of directors devoted to its interests, wise and conservative in all their views, and thorough and prudent in the administration of the trust committed to them. But the demands made upon an institution of learning at the present day are greater than ever before. The college is insufficiently endowed to meet these demands, and it is hoped that the same generous spirit which created and has hitherto sustained it will remain with it and provide for its continued development. The books of the corporation still remain open for subscriptions to stock.

EDUCATIONAL PURPOSE.

The paramount purpose of the founders was to build up an institution of the amplest range of culture and one which should embody also certain liberal, catholic, christian ideas which had found no emphatic recogni-

tion in then existing educational institutions. It was an attempt to put into durable and forceful activity ideas vital to social and civil progress. The wisdom of these purposes has been fully vindicated by the march of events and by the progress of public sentiment with respect to most of the ideas to which the founders sought to give prominence.

RELIGIOUS INFLUENCES.

The purpose of the founders, expressed in their act of incorporation, was "to establish an institution of learning for the education of the youth" and "to teach and inculcate the Christian faith and Christian morality as taught in the sacred Scriptures." Bible instruction is made a part of all undergraduate courses of study, and besides this general instruction, which is intended for all students, a theological department is conducted for the benefit of intending ministers of the gospel, which see on another page. Attendance at daily morning prayers in the college chapel and at services on Lord's day is expected. The institution has always been religious in spirit; by the terms of its charter it must always be so. The plan of education proposed in its founding was not limited to scientific and literary and æsthetic culture, but recognizing the spiritual needs of man's nature, it included the religious element.

HIGHER EDUCATION OF WOMEN.

From the first opening of the College women have been admitted on the same terms as men. No special

courses of study are provided for them; they pursue the same lines of work and are instructed in the same classes, except in physical training, with the young men. But co-education is not intended to be conducted on the idea that men and women are just alike. While it is assumed that the same mental training is good for both, and that both may receive important benefit from association in class-room work, it is held that in matters of general welfare and deportment and in the way of special direction and advice, young women should be placed in charge of one of their own sex. It is regarded as in every way desirable that while in college they should be brought directly under the influence, and be subject to the direction, of a woman of high character, attainments and social position, who should associate with them, give suggestions and counsel, and act towards them at all times as friend and adviser. Provision has therefore been made, in the organization of the faculty, that the young women in attendance shall have the benefit of such supervision.

FACILITIES FOR SELF-SUPPORT BY STUDENTS.

The College desires in every way to encourage students of limited means, but it does not invite the attendance of those who are entirely without means of support. It can not undertake to furnish employment to students. Nevertheless many young men studying for the ministry here support themselves either wholly or in part by preaching in neighboring towns. All parts of the

State are within easy reach of Irvington, so that Sunday services at a distance need not interfere with the regular duties of the student. This employment, however, must be secured mainly through the student's own exertions. The College can not stand pledged to secure it for any ; every such student must depend on his own ability, industry and perseverance.

PECUNIARY ASSISTANCE TO STUDENTS.

Frequent letters come from young persons desirous of obtaining an education, inquiring as to what assistance can be afforded students who are without the necessary means of support. To such, unfortunately, our answers can not be encouraging. The College has the merest beginning of a students' aid fund, and yet the good that might be accomplished by the judicious expenditure of even a comparatively limited amount of money, in affording assistance to deserving young men and women, is not to be estimated. In behalf of those young men and women whom a little assistance will enable to take positions of commanding influence in the church and in society, the attention of philanthropic people is called to the good that in this way their means can be made to accomplish. The directors will gladly receive and faithfully administer any endowment that may be placed in their hands for this purpose.

CHRISTIAN ASSOCIATIONS.

The Young Men's Christian Association and the Young Women's Christian Association are voluntary

organizations of students and instructors for the promotion of religious culture and for Christian work in College. Their members are sincere and energetic, and always extend to new students a very cordial welcome. The two associations hold a joint prayer-meeting every Sunday evening, thus greatly assisting in maintaining Christian zeal among the students. A committee from each of these associations is in attendance during the first week of the fall term for the purpose of assisting those entering college, with information in regard to rooms, board, etc., and in general to afford any assistance in their power, which students who are strangers in Irvington may feel inclined to seek from them. The Y. M. C. A. and the Y. W. C. A. unite in a social given at the beginning of each term, to which all students are invited. This affords opportunity for old students to welcome new, and for all to cultivate more intimate acquaintance. All students who are church members are eligible to active membership in these associations. Students not identified with any church may become associate members.

BUTLER COLLEGIAN.

At the close of each college session the editorial staff of *The Collegian* for the following year is chosen from among the classes as follows: From the Freshman class, two members; from the Sophomore, three; and from the Junior, four. The body, thus chosen, organizes by selecting from its number an editor-in-chief and business manager. The chief editor then assigns

the associate editors to their proper places. For the past year, the editorial staff of *The Collegian* has been as follows:

GEORGE W. HOKE, '95, Editor-in-Chief.

JOHN S. BUTLER, '96, Assistant Editor.

M. E. PADDOCK, '88, Business Manager.

ASSOCIATE EDITORS.

DORA GREEN, '95.

ROSE McNEAL, '95.

MAY BRAYTON, '95.

H. NELL BREVOORT, '95.

EDGAR FORSYTH, '95.

MODDIE JEFFRIES, '96.

HERBERT GOE, '97.

JESSIE L. CHRISTIAN, '97.

THOMAS SHIPP, '97.

The following named persons have been chosen by the Faculty to compose the editorial staff of *The Collegian* for the session of '95-'96:

JOHN S. BUTLER, '96.

EARL T. LUDLOW, '96.

ARTHUR B. CARPENTER, '96.

CHARLES W. CULBERTSON, '96.

JESSIE L. CHRISTIAN, '97.

THOMAS R. SHIPP, '97.

NETTIE SWEENEY, '97.

GERTRUDE MCCOLLUM, '98.

E. C. ROBERTS, '98.

The Collegian is furnished to all students of the College on application without charge. Students and graduates are cordially invited to contribute illustrations, articles, verses, letters and information. .

OTHER STUDENT ORGANIZATIONS.

Among the voluntary student associations connected with the College may be mentioned the literary societies, an oratorical association, consisting of those interested in the State and the Inter-State oratorical contests, an athletic association for the promotion of field sports—foot-ball and base-ball, etc. All these are useful in their several ways and add much to the interest of college life. The literary societies have been the means of much good in the past. They are accommodated with well-furnished and attractive rooms. They hold weekly meetings at which their members present essays, orations and discussions and become familiar with parliamentary rules.

ORATORICAL ASSOCIATION.

Seven colleges, of which this institution is one, compose the Indiana State Oratorical Association. The local association is composed of members of the college classes. The object of this association is to advance oratory by encouraging students to write and deliver orations. Preliminary contests are held annually, near the beginning of the second term, to decide upon a representative for the State contests. Contestants are judged on thought, composition and delivery. Three judges are selected by the faculty on thought and composition, while the association elects three other outside judges on delivery. The contestant receiving the highest average awarded by the judges represents the

College at the State contest, held on the second Friday in March, at Indianapolis. If the contestant be successful there he represents the State of Indiana in the Inter-State contest, composed of ten western States. The work done in this department has proved very beneficial to those who take part, and has greatly advanced interest in oratory in the College.

The representative of the College this year (1895) was John S. Butler. The officers of the association are: President, William E. Payne; vice-president, Retta V. Barnhill; secretary, Earl T. Ludlow; corresponding secretary, John S. Butler; treasurer, Percy B. Williams.

THE ATHLETIC ASSOCIATION.

The College has a regularly organized athletic association for the promotion of foot-ball, base-ball, tennis and other field sports. Any professor, alumnus, or student may become a member of the association by subscribing to the constitution and paying the membership fee of seventy-five cents per year.

Each department of athletics is governed by a manager who is elected by the association. An advisory board of athletic control, consisting of the president, vice-president and secretary of the association, and two members of the faculty, who are chosen by that body, have the general supervision and control of the athletic interests. An annual field day is held each spring, the events including all kinds of track and field athletics. There are also two tennis tournaments

each year, one in the spring and one in the fall term, the winner of the fall tournament playing the winner of the spring tournament for the medal, which is worn by the victor until the following spring. All members of teams and all contestants in athletic games and tennis tournaments of the association must be members of the association.

The rules of the Inter-Collegiate Foot-Ball Association, National Base-Ball Association, Amateur Athletic Association, and American Lawn Tennis Association govern the contests.

The present officers of the association are: W. M. Blount, president; R. W. Clymer, vice-president; J. Q. Davis, secretary; D. C. Brown, treasurer. The two members of the faculty on the advisory board of athletic control are, Demarchus C. Brown and Hugh Th. Miller.

GYMNASIUM PRACTICE.

Regular exercise in gymnastics is provided as a means of health, and is supervised by a competent instructor. This exercise is required of students of the lower classes, but is optional with Juniors and Seniors.

MILITARY DRILL.

All students below the Junior class are required to take either gymnasium practice or military drill. The latter is in charge of an officer of the United States Army, and is regarded as of great advantage to young men.

LITERARY AND MUSICAL ADVANTAGES.

The location of the College in the immediate vicinity of Indianapolis makes it possible for students to hear the best lecturers and singers, various organizations in the city offering every winter valuable courses of entertainments. Because these advantages are thus offered and are so far superior to anything that a college could secure, the faculty does not find it necessary to make unusual provision for such entertainments.

POPULAR LECTURES.

A marked feature of the past college year has been the Monday morning lectures in chapel, given for the most part by representative public men of Indianapolis. These friends, being interested in young people and in college work, have addressed the students on popular and practical themes, and their talks and addresses have excited lively interest, and have been found in many ways helpful, relieving the monotony of college life and suggesting fresh subjects of thought. The following is a list of the friends who have thus favored the college during the past year:

Rev. F. E. Dewhurst, Pastor Plymouth Church.

Mr. Chas. R. Williams, Editor *Indianapolis News*.

Mr. E. P. Bicknell, Secretary State Board of Charities.

Dr. C. N. Sims, Pastor Meridian St. M. E. Church.

Mr. Charles W. Moores.

Mr. Louis Howland, of the *Indianapolis News*.

Rev. J. H. Ranger, Rector of Christ Church.
Mr. Evans Woollen, Secretary Commercial Club.
Rev. J. W. Comfort, Pastor Irvington Christian Church.
Mr. Albert J. Beveridge.
Mrs. Samuel D. Richards, of Munich, Germany.
Mr. A. F. Potts.
Mr. Allan Hendricks, of the Indianapolis Law School.
Mr. H. U. Brown, of the Indianapolis *News*.
Mr. J. P. Dunn, Editor Indianapolis *Sentinel*.
Dr. A. R. Benton.
Prof. W. M. Thrasher.
Miss Lida E. Gilbert.
John R. Wilson, of the Indianapolis Law School.
John L. Griffiths.
T. C. Steele.
Gov. Claude Matthews.
Byron K. Elliott.
Lucius B. Swift.

OPTIONAL AND SPECIAL STUDIES.

Students not candidates for a degree may pursue an optional course, provided their proficiency is equivalent to that required of students admitted to one of the general courses. Special students of approved character, maturity and attainments are admitted for a limited period without examination on recommendation of some member of the faculty under whom a large part of their work is to be taken. It is desired, however, that it be distinctly understood that for the two classes

of students herein named special arrangements as to terms and subjects can not be made. Such students must in all cases adapt themselves to the arrangements provided for students pursuing regular courses of study.

GRADUATE STUDENTS.

For purposes of advanced study the College extends its privileges to its own graduates and to graduates from other colleges of like standing, and it confers advanced degrees under conditions described elsewhere. Graduate students who are not candidates for a degree are also received.

MEMORIAL GIFTS.

The Board of Directors would encourage gifts in the form of endowments of various chairs of instruction. The sum of \$20,000 to \$30,000 subscribed in stock will secure to the subscriber the privilege of conferring a name on the chair so endowed and of nominating an incumbent, subject to the approval of the board. Smaller amounts can be devoted to equally useful purposes. Subscriptions of \$1,000 to \$5,000 can be devoted to the founding of scholarships for the benefit of deserving young people who stand in need of assistance, and of prizes for the reward and encouragement of the ambitious. These scholarships would be awarded worthy students on competitive examinations and the recipients expected to assume some work as assistant instructors, thus rendering the faculty valuable and much needed help.

LOCATION AND BUILDINGS.

LOCATION.

The College is located at Irvington, a pleasant and healthful residence suburb of Indianapolis, from which city it is distant four miles, and with which it is connected by two railroads—the Pittsburgh, Cincinnati and St. Louis and the Cincinnati, Hamilton and Indianapolis, and also by electric street cars, making quick trips every thirteen minutes. It is thus easily accessible from all parts of the country. It can be reached from any part of the State within a few hours. Irvington is regarded as the most attractive place for suburban residence in the vicinity of Indianapolis. Its population consists chiefly of those who have been drawn thither by educational inducements. This gives it a special character of cultivation and good order, while as a home for students it is singularly free from the temptations and dangers often surrounding college life. There are no drinking saloons in the town or in its vicinity. However, the College does not offer itself as a reformatory institution, and it will not suffer the attendance of the wayward or idle. Its facilities are offered to those only who earnestly desire mental improvement.

MAIN COLLEGE BUILDING.

The main College building is of brick, trimmed with stone, having a frontage of 135 feet and a depth of 75 feet, containing in all twenty-four recitation rooms, besides halls, corridors, cloak and retiring rooms. It is heated throughout by steam, supplied with water and lighted by electricity; and in its internal finish and arrangements thoroughly suited to the purposes for which it was designed. For convenience, commodiousness and comfort it is all that could be desired.

BURGESS HALL.

This building, named in honor of the late President O. A. Burgess, is three stories high, constructed of brick and trimmed with stone. It has a frontage of 100 feet and a depth of 55 feet. It contains six commodious recitation rooms, a large chapel, two music rooms and the library and reading rooms. The architecture is modern and exceedingly attractive, and all its appointments are well adapted to the uses for which the building was designed. The classes of the Preparatory department are now taught in this building, by experienced educators, and, under the present efficient organization, superior advantages are offered to students preparing for college.

ASTRONOMICAL OBSERVATORY.

An observatory building has been erected on the high ground in the northeast corner of the Campus. In its

construction are embodied whatever conveniences are necessary for the efficient use of the equatorial telescope. The building is octagonal, resting on a deep foundation, sided externally with sheet iron, and having a revolving dome, with sliding panel, giving unobstructed sky-view from horizon to zenith. The instrument rests on a pedestal, which stands on a column of brick and stone, which is protected from the effects of external temperature changes by a detached inclosing cylinder of the same material. The telescope is equatorially mounted by Fauth & Co., of Washington, with the usual adjuncts of declination and hour circles, and clock-work for diurnal rotation. The object glass of six inches diameter was made by the firm of Alvin Clark & Sons, of Boston, and, with the half dozen eye pieces, gives a perfection of work which does no discredit to the manufacturers. The focal distance of object glass is eight feet, and the magnifying power of the instrument ranges from seventy to five hundred diameters. The performance of the telescope, so far as tried here, has been very satisfactory. A large number of tolerably difficult double stars and nebulae have been tried with the highest power and with good success. With the planets and satellites the lower powers, as usual, give the best results, including excellent definition.

BOARDING HALL FOR WOMEN STUDENTS.

This is a tastefully and substantially constructed brick building, three stories high, containing large par-

lors, spacious dining room, wide halls, and thirty well-ventilated rooms for young women. It is provided throughout with steam heat and electric lights. The entire building has been refitted and handsomely refurnished throughout. Young women here find a comfortable home, with pleasant surroundings and Christian influences, at a moderate price. They are expected to avail themselves of this opportunity. Especial attention is given in case of sickness. Everything necessary is furnished except napkins and towels. Price of board and room ranges from \$3 to \$3.50 per week, according to location of room.

BOARD FOR YOUNG MEN.

Young men lodging elsewhere may take their meals at the hall. Table board will be furnished at \$2.50 per week. For further information, address the superintendent.

LIBRARY.

The College library contains about six thousand volumes, chosen for the most part with special reference to the needs of students. Each department is furnished with important books pertaining to its work, and each year additions are made of the latest and best works in Science, Literature and Art. The cyclopedias, maps, lexicons, and the manuals of special sciences, are numerous and of the latest results in research. These afford students ample means of reference in their class studies and are sufficient for special

or graduate courses of study. The reading room connected with the library is spacious and well lighted. It receives regularly the best publications, weeklies, monthlies and quarterlies, of this country and Europe. The advantages of the library and reading room are open alike to all classes of students in the University.

The following periodicals are taken, and will be found on the tables in the reading-room:

American Chemical Journal.	Harper's Weekly Magazine.
American Geological Journal.	Hebraica.
American Journal of Science.	Homiletic Review.
American Naturalist.	Independent.
American Journal of Philosophy.	Indianapolis Daily Journal.
Astronomy and Astro-Physics.	Indianapolis Daily Sentinel.
Atlantic Monthly.	Illustrirte Zeitung.
Bibliotheca Sacra.	Journal of Morphology.
Century Magazine.	L'Illustration.
Christian Standard.	Modern Language Notes.
Christian Evangelist.	Nation.
Christian Guide.	Nature.
Christian Leader.	New Christian Quarterly.
Civil Service Chronicle.	Nineteenth Century.
Classical Review.	North American Review.
Contemporary Review.	Philosophical Review.
Critic.	Popular Science Monthly.
Edinburg Review.	Political Science Quarterly.
Fliegende Blaetter.	Scientific American.
Forum.	Scribner's Magazine.
Harper's Monthly Magazine.	Yale Review.

MUSEUM.

In the collections of the University there is abundant material for illustrating the sciences of Zoology, Mineralogy and Geology. Some of the materials have been

obtained by purchase, some have been contributed by the friends of the institution and some by the National museum, while a considerable portion has been collected by the professors who have occupied the chair of Natural History. The museum contains the following collections:

1. A series of fossils and rocks illustrating the geology of the Mississippi Valley, especially that of Indiana and Ohio.

2. A collection of the fresh water fishes of the United States, made principally by Drs. D. S. Jordan and O. P. Hay.

3. A contribution of marine fishes received from the United States National Museum.

4. Reptiles and amphibians of Indiana, collected by Dr. Hay and others.

5. A large collection of representative minerals.

6. Land, fresh-water and marine shells, including about four thousand specimens.

7. A considerable number of aboriginal stone implements from the United States.

8. A collection of marine invertebrates, mainly from the New England coast, deposited by Prof. Bruner.

9. Marine invertebrates from the Atlantic, Gulf and Pacific coasts, presented by the National Museum and the Fish Commission.

CHEMICAL LABORATORY.

The laboratory is well furnished for work, being conveniently arranged and supplied with gas, water, hoods,

means of ventilation, and all necessary chemicals and apparatus for work in all branches of the science provided for in the course of study. To each student is assigned his own desk with separate outfit of apparatus and chemicals. No charge is made for the use of chemicals, but students will be required to pay for all apparatus actually broken or injured.

The new laboratory is in Burgess Hall. It has accommodations for forty students.

BIOLOGICAL LABORATORY.

The laboratory is well equipped to meet the demands of the work undertaken. All necessary materials, reagents and apparatus are furnished to students free of charge, excepting dissecting instruments, slides and covers, which are supplied at cost. In case of breakage or injury to apparatus the loss must be borne by the student.

The laboratory is provided with its own working library.

THE GYMNASIUM BUILDING.

This structure has been designed and built for two especial purposes—one, to provide suitable quarters for physical culture; the other, to accommodate the boilers, engine and dynamos for warming and lighting the buildings and lighting the College grounds. This building is of deep-red brick trimmed with buff limestone, and is supported upon a massive stone foundation. The roof is trussed and covered with black slate.

Within, on the east side, are the great boilers, from which all the buildings obtain their heat and the engine-room its power for generating the electric light. Everything connected with this heating and lighting plant has received the most careful study and attention, and the apparatus and machinery selected are of the latest and most approved patterns.

The gymnasium is immediately in the rear of the above, and though externally a part of it, is entirely a structure of itself. The entrance is from the north through a large archway into an outer vestibule, through this to an inner vestibule, thence into the large hall 35 feet wide by 58 feet long, well lighted and ventilated.

At the north end of the building are the bath-rooms. Shower-baths and washstands are provided with fittings for hot and cold water and valves for regulating the temperature. The floors are encaustic tile, with marble base border; the walls are wainscoted with yellow pine, finished to show the natural wood. The large hall is finished in yellow pine; the floor is double, finished with hard oak. New sanitary fittings have also been added, so that the whole is one of the most complete buildings of its kind.

The gymnasium is furnished with the most important modern apparatus and equipped with all kinds of special machinery used in individual work to overcome deformities and physical weaknesses.

DEPARTMENTS OF INSTRUCTION.

THE BIBLE.

The educational purposes of the institution, by the terms of its organic law, are made to include religious instruction. Its charter expressly declares that one of the objects for which it is founded is "to teach and inculcate the Christian faith and Christian morality as taught in the sacred Scriptures;" and it was intended that this instruction should be, not sectarian nor even denominational, but broad, catholic and philanthropic as Christianity itself. In pursuance of this purpose the Bible is adopted as a text-book, and a regular course of study in it is prescribed as one of the conditions of graduation. Instruction is by carefully prepared lectures, students being required to study with care those portions of Scripture embraced in the lectures.

The scope of the work attempted in Bible instruction may be indicated by the following outline: (1) In the Old Testament: the Pentateuch, Joshua, Judges, the books of Samuel and other selected portions. (2) In the New Testament: the Gospels, the Book of Acts, the Epistles. In the study of the Gospels it is the aim to present a connected view of the events of the life of Christ in their orderly development, and also a compre-

hensive outline of His teaching. The study of the Book of Acts familiarizes the student with the establishment and growth of the church in the Apostolic age. The Epistles are taught by giving an introductory account of the purposes for which each epistle was written, and one epistle, usually the Roman letter, is made the subject of careful study, by analyzing its contents and its course of reasoning.

PHILOSOPHY.

Psychology.—Instruction is given by lectures and textbook. The lectures are designed to introduce new topics not treated in the text or to give more ample discussion to subjects but partially treated by the author. Class discussions are encouraged, and essays on selected subjects are required. The University library is well supplied with the best authors on this subject.

Logic.—The laws of pure thought are carefully analyzed, the principles of deductive and inductive reasoning fully explained, and almost daily praxis given in application of the principles and methods of the science. Thus the student gains a quick perception of relations and a ready application of principles to any form of thought.

History of Philosophy.—A full outline of the subject and the progress of philosophical thought is given in a course of lectures covering the period from the origin of philosophy in Greece to the time of the Reformation and introducing the student to the essential principles of the French, German, English and Scotch schools of

philosophy, with criticism on their validity and their value. Each student is assigned a subject for investigation and is required to present a thesis to be read before the class.

CIVICS.

The purpose of this department of instruction is to give to students preparing for business life or for the legal profession such practical and disciplinary studies as shall form a fitting introduction to more advanced professional study. The following will serve to indicate the scope of the work offered, which is carried on through two years :

The first year is given to the study of Political Economy, Sociology, and the Constitution of the United States.

Political Economy is studied in such works as Walker or Ely, with incidental reference to social questions.

Sociology is taught by lectures the second term, giving the history and principles governing social relations, and discussing the theories of modern socialism.

The study of the Constitution of the United States is taken up the third term, in which the origin of the Constitution is discussed and an analysis of its contents made.

The second year is given to the study of Roman Law, the Constitutional History of England, and the Political and Constitutional History of the United

States, from Washington to Lincoln, and in the order in which these subjects are mentioned above.

MATHEMATICS.

This department aims to secure (1) general intellectual discipline, and (2) the particular training and knowledge necessary for the needs of life and possible future mathematical work.

To secure the first result the student, while pursuing any branch, will be required to show evidence of clear comprehension of terms and processes of reasoning; to give, with fullness, the steps leading to conclusions, with the authority for statements made. Terms and processes will be classified, when possible, both for disciplinary and mnemonic reasons, both principles and formulæ being thus appropriately disposed, ready for instant use.

The utility of principles, both for general explanation and solution of specific problems, will be illustrated by numerous original examples.

The future needs of the student in higher and special mathematical work will be, so far as possible, provided for by a continued recurrence to those principles in the lower mathematics which have the widest application in after work.

The possible elections of the last three years of the course will, it is hoped, lay an excellent foundation for any higher study in mathematical lines to which the student may be inclined.

For advanced work in Algebra, Analytics, Functions,

Modern Algebra and Geometry, Mechanics, Determinants, Astronomy, etc., the College library is well equipped with the best books of reference in the English, French and German languages.

LATIN.

The aim of the work in Latin is :

(1) To teach the student of fair ability and industry to read Latin understandingly and rapidly. In order to the attainment of this end, during the earlier part of the course, special attention is given to forms, constructions and idioms. The reading of authors is accompanied with careful solution of whatever grammatical questions the text may present. The principal part of the syntactical instruction, however, is given through exercises in Latin writing, such exercises being associated daily with the regular work in reading and translating Latin authors. Latin composition is practiced as a means, experience having shown it to be the most effectual, for gaining an insight into the structure, idiom and spirit of the language.

(2) To make the student acquainted with the literature of the language. This is accomplished by reading considerable portions of the more important authors and by the formal study of the history of Roman literature.

(3) To afford opportunity for acquaintance with Roman public and private life. To this end collateral reading in Roman history is assigned together with

the study of the archæology of Roman life, social and political.

(4) To prepare students to become instructors in Latin. In order to meet the requirements of such there will be given when desired a year's course in review of the authors usually read in secondary schools, attention being directed to the chief points deserving emphasis in the teaching of these authors. Such questions as pronunciation, methods of teaching the elements of the language, etc., will be discussed, the object being to enable such as intend to teach to enter upon their work intelligently.

Ministerial students, in the later years of the course, will read from the Church Fathers, for details regarding which see pages 82-86 of this catalogue.

Graduate courses in Latin are offered students having taken Latin through all the years of the undergraduate course, to whom only are such courses open.

GREEK DEPARTMENT.

The aims of this department are:

(1) Discipline. An accurate knowledge of the forms will be insisted upon, particularly in the first years of work. Grammatical points and idiomatic expressions will be discussed in the class. This will be done by the writing of Greek prose as well as from the author read.

(2) A knowledge of the literature, history and mythology of the Greeks. It is the purpose to reach this by the reading of authors from Homer to Lucian.

The main point will be the study of the literary merits of the author read, together with a careful investigation into the conditions under which he wrote and the times in which he lived. It is hoped thus to have courses in reading covering the epic poets, the tragedians, the comedians, the orators and the historians. History will be studied by the assignment of periods to individual students to be reported upon before the class. The lives of generals and statesmen will be assigned in the same way. The instructor will, by means of photographs and lectures, present the latest discoveries in archæology.

(3) The preparation of teachers of Greek. Special attention will be given such students, particularly in the Junior and Senior years. The more difficult points in Greek Grammar will be examined. Graduate courses will be arranged for students who elect Greek in the Junior and Senior years, to whom only are such courses open.

Instruction in Modern Greek will be a feature in the elective classes hereafter. Modern Greek fiction, poetry and history will be read.

ENGLISH LITERATURE.

The English course extends through the four College years. Since, whatever a man's vocation may be, he should possess active literary interests for his instruction and enjoyment, the intention of this department is to develop in the student a critical appreciation of the best in English thought.

The Rhetoric and Composition of the first two years are designed to train the student in correct expression, and especially in clear thinking, and the best selection and collocation of ideas. The exercises are in different kinds of composition, as narration, description, exposition, and especially on various kinds of subjects—historical, biographical and literary.

The study of masterpieces in the Sophomore year has for its object not only to gain knowledge of the particular prose study, but also to develop good judgment and correct taste, to create a love for books and guide to a right use of them.

The work of the Junior and Senior years is intended to supplement the study of literature begun in the previous years and can not be taken before the Freshman and Sophomore years have been completed. Anglo-Saxon is offered as an alternative only in the Senior year.

Graduate degrees in this department are open only to students who have completed the four years' course.

GERMAN.

The primary aim of the course in German is to secure to the student such knowledge of the principles and vocabulary of the language as will enable him to read an ordinary work without the aid of grammar or dictionary. It is not thought best to devote any considerable amount of the regular class time to conversation, since the speaking use of the language is only a secondary aim. With an extensive vocabulary and a

thorough knowledge of the principles of the grammar at his command, the student possesses the surest means of acquiring fluency in speaking when brought in contact with native Germans.

Much attention will be devoted to word-analysis and to the study of the affixes and their functions, the aim being to quicken the student's observation and perception of forms. Fully one-half of the time of the first four years will be devoted to composition, and frequent reviews will serve to fix in the student's mind the forms and expressions thus used. The material for composition will consist not only of that given in the composition books, but also of that furnished by the instructor, and formed from the texts used in reading.

The translation of the German into English is regarded as a most valuable means of training the student in his own language, particularly in the precise use of words. To this end, careless translations will not be tolerated, and after care has been taken to ascertain if the meaning in German is thoroughly understood, a smooth, idiomatic English rendering of the passage in question will be required. Experience has shown that there is perhaps no more certain means of training the student in English expression than by requiring of him careful and exact translations from other languages.

The last two years of the course will be devoted to the study of the history of the literature, together with reading of the representative authors, both in and out of class. This work will not be confined to any one

text-book, but will be somewhat topical in nature, for which the libraries of the college and of the professor of the department will be at the command of the student.

FRENCH.

Instruction in the department of French is for the purpose of giving the student a reading knowledge of the language, familiarity with its idioms and syntax, an acquaintance with its origin, history and literature, and an understanding of contemporary life and events in France.

The reading and translation of connected prose and verse are commenced so soon as possible. Grammatical forms are studied in the text and separately, and exercise in translation from English into French is used to fix idioms and constructions in the memory. Texts read in class are ordinarily used as the basis for such exercise.

Etymologies of French words derived from the Latin and of English words derived from the French are studied in order to attain a clearer comprehension of the sources, structure and significance of the French and the English word, as well as for the purpose of giving training in the principles of philology.

After the introductory reading of the first year, the work is so arranged as to afford a systematic review of the literary history of France. Masterpieces of the authors of each period are read and discussed in connection with studies of the literary tendencies and social and political conditions of that period.

Modern French life and institutions, as set forth in the criticism, the periodicals and the theater of the present are considered, and a general knowledge of current events and contemporary politics is insisted upon.

GEOLOGY.

The work offered in Geology consists of a continuous course through the year. It is the aim to present that which is most interesting to the student and at the same time most valuable to the average citizen. Crystallography is made the starting point of the course and lays a foundation for Mineralogy. In both of these it is expected that the student will become familiar with the more common forms. Lithology is then taken up and the more abundant rocks are studied with care. The museum collections furnish sufficient material for illustration and study.

In Geology proper a beginning is made by a consideration of the dynamical agencies now at work on the earth's surface. The early history of the globe is then sketched, and afterwards the geological development of the North American Continent is reviewed with special attention to details in the United States. The history of the earth and its inhabitants is viewed as one development—the expression of one plan which reached its culmination in man.

Among special topics which are treated somewhat fully may be mentioned earthquakes, geysers, coral reefs and islands, glaciers, metamorphism, and the origin and distribution of ores, coal, oil and gas.

Occasional excursions are made to points of interest, Geological sections and maps are made and the textbook is still further supplemented by reference to current literature.

BIOLOGY.

This department aims (1) to meet the requirements of liberal education, (2) to prepare students for teaching, investigation and medicine.

The work of the earlier years of the course is designed partly to meet the first demand, and partly to furnish a foundation for advanced studies. During the first year general principles are emphasized. Plants and animals are studied side by side, beginning with simple forms and including representatives of all the principal types. Then the higher plants and the higher animals are treated separately. One year is given to the Morphology and Physiology of the flowering plants and ferns. The study of Vertebrates occupies two years. The needs of both the general and the special student are provided for. The election of the Senior year offers an opportunity for more extended study in certain directions.

Laboratory work occupies a prominent place throughout the course. Instruments and methods of investigation receive special attention. Faithful records of work done, by means of notes and drawings, are insisted on.

Discipline is afforded by the practice of accurate methods, by thorough study of a few types, and by

the constant use of the precise terms of science. Independence in investigation is encouraged, and is a necessary condition to admission to advanced work.

PHYSICS.

The course in Physics extends through one year. With the requirement of one-half year in the elements for admission, this gives opportunity for tolerably advanced work. Although no individual laboratory work is done, the recitations and lectures are well illustrated by experiments designed to show the methods of reasoning by which physical laws are established.

It is the purpose of the course to enable the student to understand the application of the theories and principles of the science to the construction and running of machinery, the making of scientific instruments, to various purposes in the arts, etc.

Much attention is paid to the solution of problems. To do the work satisfactorily students need to have studied mathematics through Plane Trigonometry.

Subjects are studied in the following order: Mechanics, Heat, Sound, Light, Magnetism and Electricity.

For students pursuing distinctively scientific courses, a more radical treatment of statics and dynamics by the aid of the differential and integral calculus is provided.

CHEMISTRY.

This whole course is designed to illustrate the general laws of chemical science in a comprehensive and practical way. The aim is to lead the student not only to observe and to become familiar with the fundamental facts of chemistry, but also to understand, as far as possible, the proper connection between observed facts and phenomena and the laws and principles of the science, so that discipline of mind as well as scientific and practical knowledge may be acquired. To these ends the Department of Chemistry aims to present the study in a scientific way—to develop the subject by a carefully ordered series of lectures and experiments illustrative of the laws and principles of chemistry as well as of the properties and conduct of the particular element studied.

From the first, students supplement the work of textbook and lecture-room with individual work in the laboratory, performing such experiments as will make them at once familiar with the use of apparatus and the observation of chemical phenomena in general. This work is done under the supervision and direction of the professor, each student making careful notes of the results of his work. Much attention is given to writing chemical reactions and making chemical calculations.

After students are well grounded in the facts and laws of the science in general, the aim is to give much practical work in the detection of bases and acids, the

analysis of salts, alloys and ores, in both gravimetric and volumetric methods of quantitative analysis, in the examination of waters, dairy products, urine, etc., and in the detection of poisons. Students intending to take a course in medicine are permitted to modify their work with reference to their special needs, as far as the wishes of the class and the time of the instructor will permit.

In organic chemistry the derivation of the various classes of organic compounds from the simple hydrocarbons is systematically considered. Much attention is given to the theory of structural formulæ, stereochemistry and kindred subjects. Laboratory work in the preparation of typical organic compounds is carried on, practice is given in the principal methods and manipulations of organic work, in distillation, melting point determinations, in purification of solids by fractional crystallization, in organic analysis by combustions, etc.

HISTORY.

Work in the Department of History is intended to serve several purposes. A primary object is to obtain an insight into the origins and development of modern civilization, as well as an understanding of the causes, meaning and results of the great crises of history. The student is required to look beyond mere facts to the motives and spirit of the age and the nation, to study social conditions, religious movements and political principles. Original investigation is encouraged

and independent judgment of disputed questions is required.

The study of the growth of modern Europe, its governments and institutions, from mediæval states and society, is intended to show the sources from which the American nation and constitution have sprung, and to help to an understanding of current events abroad. A further aim is to give to the student that breadth of sympathy and judgment that comes from a comprehension of the development and relations of peoples, literatures and ideas.

ELOCUTION AND ORATORY.

The work in the department of Elocution includes the study and practice of skillful respiration, a knowledge of physical culture as a factor in elocutionary studies in vocalization, orthoepy, orthophony, modulation, inflection, gesture, and all the vocal and visible signs required in correctness of speech and refinement of manner; also drill in analysis and synthesis of extracts from literary productions.

Oratory commences with the Freshman year. Special attention is given to its purpose, its forms, and the elements of its power—the study and analysis of extracts from British, American, Greek and Latin orations, committing and delivering short passages, making a paraphrase of the same, original orations, extemporaneous addresses.

Sophomore year continues the study of orations, written and critical analysis of them, transposition, im-

promptu and extemporaneous addresses, and original orations.

PHYSICAL CULTURE.

The work in physical culture is based upon careful physical examinations made by the Director, at the beginning of each term. All examinations are recorded and, according to these records, each student is given exercises which specially tend to develop him in the weak parts, so that he may become a physically symmetrical man. To this work the student is required to devote a few minutes' time each day.

Class exercise is also held to be beneficial; in this all students enrolled engage, more general exercises, of which every one should be capable, being used. Military drill, free-hand, dumb-bell, Indian club exercises, work on gymnastic apparatus, with which we are sufficiently supplied for present needs, and gymnastic games are features of class work.

All exercises are taken under, and in the presence of the Director, or some competent assistant, in whose absence the gymnasium is closed. Dangerous exercises are not encouraged, since the department does not aim to develop athletes. All students, except Juniors and Seniors, unless debarred by some physical disability, for which a certificate from some competent physician must be presented, are required to spend at least two hours per week in class or special exercises in this department.

In addition to the regular work in exercises, atten-

tion is called to many physiological and anatomical facts, students being required to locate the important organs and muscles, and note the effect of the various exercises on the different parts of the body. A more lasting benefit is thus secured than could be given by merely following out the exercises as given. Much good is being done, many of the students being rendered more capable of doing with ease the work necessary in the preparation of their various studies by reason of the better balance between physical and mental exertion.

To the young ladies are given, under an instructor of their own sex, such exercises as will strengthen without overtaxing the vital organs and nerve centers, and give freedom to the entire body.

The Emerson system, which is used, includes exercises for developing every part of the body. These exercises are of special advantage to students. Many have been cured of chronic dyspepsia, nervousness, headache, and other diseases peculiar to those who lead a sedentary life. In addition to the Emerson system, the free-hand exercises, wands, dumb-bells, and Indian clubs are used.

BUTLER CADETS.

For all classes below Junior, either military drill or gymnasium work is required. Students electing the latter are formed into a company, designated as above, which meets twice a week. Each cadet is required to provide himself with a military suit, including cap, and with a copy of the Infantry Drill Regulations of the

U. S. Army. The total necessary expense to each cadet is less than \$15. Arms and accoutrements are supplied by the State. This favor was secured through Lieut. T. M. Defrees, U. S. A., Colonel Commanding Indiana Militia, who drills the company and gives instructions in military tactics.

ADMISSION.

Candidates for admission must furnish satisfactory evidence of good character, and those coming from other colleges must bring a certificate of honorable dismissal. No student is considered fully a member of his class, or of the institution, until he has passed at least one term satisfactorily to the Faculty, during which time he may be assigned to another class, or, if his connection with the college is deemed undesirable, may be privately dismissed.

ENTRANCE EXAMINATIONS.

Examinations in all the subjects required for admission are held in June and September. (See Calendar.)

REQUIREMENTS FOR ADMISSION.

All candidates for admission, except those provided with certificates or diplomas as specified below, are examined as follows, but only two of the three languages, Greek, Latin and German are required :

ENGLISH: The elements of Rhetoric as found in Williams' textbook or some other standard work, together with an English composition, correct in spelling, punctuation, division into paragraphs, grammar, and expression, based on some subject to be announced at the time of the examination. In 1895

the subjects will be chosen from Irving's *Sketch Book*, Lowell's *Vision of Sir Launfal*, Scott's *Lady of the Lake* and *Ivanhoe*, Shakespeare's *Merchant of Venice*, and Tennyson's *Idylls of the King*.

MATHEMATICS: The candidate is required to furnish satisfactory evidence of having completed the study of Arithmetic, Algebra to the general binomial formula, and Plane Geometry with all the accompanying exercises. These branches must be represented by the most advanced text-books of Wentworth in each, or an equivalent. Particularly: (1) in *Arithmetic*, all definitions, tables for weights and measures (including the metric), fractions, common and decimal, percentage and its applications, ratio, proportion, square and cube roots, etc.; (2) in *Algebra*, definitions and fundamental rules, factoring, elimination, involution, evolution, equations of the first and second degrees, radicals, ratio, proportion, variation, indeterminate equations, arithmetical and geometrical progressions; (3) in *Plane Geometry*, definitions, propositions, problems, and original work.

GREEK: (1) All Attic forms with accents. Four books of Xenophon's *Anabasis* with Xenophon's *Symposium*. (2) Greek Prose Composition (Jones's *Greek Prose Composition* or the first two parts of Allinson's). Equivalents may be offered. Preparation for this examination requires two years' work with at least four recitations per week.

GERMAN: Harris's *Composition* together with some three hundred pages of easy prose such as that of Riehl, Hauff, and Heyse. Thorough acquaintance with grammatical forms and rules is required, special attention being given to strong verbs, gender and plurals of nouns, word formation, and inflection. The prose reading mentioned should have been preceded by one year's study of some such grammar as Joynes-Meissner or Collar's *Eysenbach*, together with easy reading.

LATIN: Candidates are examined (1) in the following authors with questions on subject-matter, constructions, and the formation and inflection of words: Cæsar, four books of the *Gallic War*; Cicero, five orations; Virgil, five books of the *Æneid*, with prosody; (2) in the translation at sight of pas-

sages of average difficulty from Cæsar and Cicero; and (3) in the translation into Latin of a piece of connected English based on principles contained in first forty-six lessons of Allen's Introduction to Latin Prose Composition. Thorough acquaintance with grammatical forms and rules is required. The rules of quantity should be learned along with the declensions and conjugations. Three years' time is regarded as necessary to do properly the above work. In the reading of the authors named, the following sequence is recommended: Cæsar, two orations Cicero, Virgil, three orations Cicero. The method of pronunciation of Latin used in this college is the Roman as given in the report of the committee on Secondary School Studies appointed at the meeting of the National Educational Association July 9, 1892.

HISTORY: Candidates are examined in Myers's General History, with special attention to the sections devoted to Greece and Rome.

CIVIL GOVERNMENT: Fiske's *Civil Government of the United States*, or an equivalent.

PHYSICS: Gage's *Elements of Physics*, or an equivalent.

BOTANY: Spalding's *Introduction to Botany*, or an equivalent.

OPTIONAL STUDENTS.

An applicant for admission, not a candidate for a degree, having passed the examinations required for admissions, may be allowed to register as an *optional student*, and elect such work as may be open to him; such applicant, however, unless of mature years, will be required to bring written request from parent or guardian, otherwise he will be assigned work in one of the regular courses of study.

SPECIAL STUDENTS.

An applicant at least 21 years of age may be admitted as *special student* on recommendation of a commit-

tee of the faculty appointed for the purpose of considering such applications. A student thus applying will not be required to make the regular entrance examinations, but merely to pass such of them as shall suffice to show that he is prepared to do profitable work in the special line selected. The committee appointed to consider special applications, as at present constituted, consists of Professors Iden and Howe, and application should be made directly to these.

ADMISSION TO FRESHMAN CLASS WITHOUT EXAMINATION.

Certificates of work done in public or private schools of approved standing are accepted in lieu of examinations, subject to the following conditions :

1. The student's application for admission must be accompanied by a certificate from the principal of the school from which he comes.

2. This certificate must furnish full and specific information concerning the applicant's studies, the time that he has devoted to them, and should indicate, by means of the usual marks, his proficiency therein.

3. The candidate presenting the certificate of a principal will, however, not be exempted from the entrance examination in any particular subject unless his certificate shows that he has satisfactorily accomplished the full amount of work in that subject.

And further, in harmony with a recommendation adopted at a meeting of the college presidents of Indiana, held at Indianapolis, November 17, 1893, every

candidate for admission to college, whether from a commissioned high-school or other, shall be subject to examination in English for the purpose of determining his ability to use the English language correctly.

4. Admission on certificate will, in every case, for the first term, be regarded merely as *provisional*. Should the student after a term's residence be found to be unable to pass the examinations of the class to which he has been temporarily assigned, he will be required to accept such other classification as may be deemed equitable.

ADMISSION TO ADVANCED STANDING.

A candidate for admission coming from another college must present, along with the catalogue of the institution in which he has studied, a careful statement, duly certified, of the studies which he has pursued and the degree of proficiency attained therein; in which case he will be admitted provisionally to such standing as the Faculty may deem equitable. The standing of a student thus admitted, however, shall not be regarded as confirmed until he shall have given proof of ability to do satisfactorily the work of the class to which he has been temporarily assigned. If by the close of the first term following his admission he shall have failed in this, he will be required to take the position and rank for which, in the judgment of the Faculty, he may be fitted.

RESIDENCE.

REGISTRATION.

Students register at the beginning of the session for the work of the whole year, obtaining blank forms at the office of the President, to whom application must be made. No credit will be allowed for work not so registered. Changes in registration after the first week will not be allowed except by special permission of the Faculty.

ENROLLMENT EACH TERM.

For class enrollment the student must, at the beginning of each term, report his name to the President of the Faculty, and not to the various instructors in charge of classes. This report for enrollment must be accompanied by the Treasurer's receipt for the term's fees. No Professor will regard a student as a member of his class, or credit him as present in it, until such student shall have been reported to him by the President as so enrolled.

RELIGIOUS DUTIES.

All students are expected to attend daily morning devotional exercises in the College chapel, and, on

Lord's Day, religious services at such place of public worship as each may elect.

CLASS EXERCISES.

The courses of study are all the same in amount and time required for their completion: Sixteen hours recitation per week, through four years, two hours of laboratory work being regarded as the equivalent of one of recitation. Besides these, there are provided elocutionary and physical exercises, which are required of Freshmen and Sophomores, but are optional with Juniors and Seniors. No student will be graduated until he shall have passed successfully in work which, including all the requirements of his course, shall amount to an aggregate of sixteen hours a week, not counting elocution and gymnastics, during the whole of four years.

FINAL EXAMINATIONS OF THE TERMS.

Regular class examinations are held at the end of each term. Failure at examination entails forfeiture of position in class. A student wishing to take his examinations at some time other than that appointed for his class may be allowed to do so with the consent of the Faculty, provided he first pay to the Treasurer, for the benefit of the library fund, the sum of one dollar for each such examination.

A student failing in class examination may be granted separate examination under the above conditions. But all deferred examinations must be made good within

one term after omission or failure, otherwise the student will be required to go over the work again in class a year later, and so long as a student is in arrears with any of his examinations he shall not be eligible to *exemption* (see below) in the department in which such examinations are due.

EXEMPTION FROM EXAMINATION.

A student, at the discretion of the professor in charge, may be exempted from the final examination of his class in any department, provided he has attained a certain specified degree of excellence in the work done, and provided further he has been present, from beginning to end, at every exercise held by his class in that department during the term. By resolution of the Faculty, hereafter no exception will be made to this rule.

CLASSIFICATION OF STUDENTS.

A degree of laxness is sometimes hard to avoid in the classification of Freshmen and Sophomores, but no student will be classed as Junior until he shall have registered the full requirements of the Junior year and all deficiencies of former years.

TERM REPORTS.

During the last week of each term a report of the attendance and proficiency of each student is prepared and sent to his parent or guardian, who is earnestly requested to give such report careful attention, or to notify the secretary of any failure to receive it.

PRIZE CONTEST IN DECLAMATION.

Three prizes, first, second and third, are given to representatives of the Preparatory department for excellence in declamation. These prizes are offered by the Hon. Joseph I. Irwin, of Columbus.

PRIZE ESSAYS.

Two prizes of choice English classics are given at the close of the Sophomore year for the best set of three essays written after the Christmas holidays. One prize, an English classic, is given at the close of the Junior year for the best sample of literary criticism.

PRIZE ORATIONS.

The Board of Directors offers, on the following conditions, two prizes, first and second, to members of the Sophomore class who shall compose and deliver English orations. The orations shall not exceed fifteen minutes in delivery. The Faculty, or a committee appointed by them, shall judge of the thought, composition and elocution. The orator receiving the highest grade shall receive the first prize, the next highest, the second prize.

THE GRAYDON MEMENTO

Is a prize offered the student of Greek deemed by the professor in charge most worthy to receive it. This prize was established in 1890 by Mrs. Mary M. Graydon to commemorate the graduation from the University of her three daughters.

SUCCESSFUL PRIZE CONTESTANTS.

The following record is from the opening of the spring term '94 to the close of the winter term '95.

1. June, 1894.—*Sophomore Class Essays*,
1st Prize—JOHN SCOT BUTLER, Irvington.
2d Prize—HORACE HOWARD ARMSTRONG, Kokomo.
2. June, 1894.—*Sophomore Class Orations*,
1st Prize—WILLIAM ELMER PAYNE, Mt. Auburn.
2d Prize—EDWARD WILLIAM CLARK, Indianapolis.
3. June, 1894.—*Graydon Memento Prize in Greek*,
JESSIE LANIER CHRISTIAN, Indianapolis.
4. June, 1894.—*Preparatory Department Declamation*,
1st Prize—BESSIE MAXON BANNING, Irvington.
2d Prize—JAMES HENRY STEVENS, Bet Bet, Victoria,
Australia.
3d Prize—BESS VIRGINIA CAMPBELL, Irvington.
5. March, 1895.—*College Representative in State Oratorical Contest*,
JOHN SCOT BUTLER, Irvington.

PAYMENTS TO THE COLLEGE.

The fees for tuition, incidentals, apparatus, and library are payable at the beginning of each term, before enrollment in class. They amount to ten dollars per term, as follows :

Tuition fee, \$6 in scrip, costing.....	\$.50
Incidental fee.....	8.00
Apparatus and Library fee.....	1.50
Total per term.....	10.00

In addition to the above fees, there is to be taken into account either a gymnasium suit or a military suit. Price of former, \$1.50 ; price of latter, \$15.

The tuition fees of graduate students, whether resident or non-resident, are the same as for under-graduates.

There is no extra fee for elocution or gymnastics.

An extra fee is charged for special examinations (see p. 58).

A fee of \$5 to cover expenses of graduation, degree, etc., is charged each person taking the baccalaureate degree. This fee must be paid before the degree is conferred. The fee charged for an advanced degree is ten dollars, which must be paid before the degree is conferred. No money is refunded to a student leaving during term time.

EXPENSES OF RESIDENCE.

Following are estimates of yearly expenses, calculated for a session of thirty-six weeks:

	Lowest.	Liberal.	Highest.
Tuition per year (three terms at \$10)...	\$30 00	\$30	\$30
Room, board, lights and fuel.....	113 75	130	175
Books.....	20 00	30	40
	<hr/> \$163 75	<hr/> \$190	<hr/> \$245

The first estimate is low as regards rooms, board, etc., being based on the lowest charge made at College boarding-hall; the second estimate is liberal, having for its basis the usual charge for boarding in Irvington; the third estimate is exceptionally high.

GRADUATION.

AMOUNT OF WORK REQUIRED.

All the courses leading to the baccalaureate degree require each four years for their completion, except in case of admission to advanced standing, as elsewhere provided, but a candidate for admission to advanced standing will not be received after the first term of the year in which he proposes to graduate. Sixteen hours of recitations per week throughout the four years are provided, and no student will be allowed to exceed this number except by special permission of the Faculty—which permission will not be granted until the candidate has been in the University at least one year.

BACCALAUREATE DEGREES.

I. The degree of Bachelor of Arts is conferred on students who complete the required amount of work in one of the regular courses as elsewhere prescribed (see pp. 66–67), and pass satisfactory examinations in the same.

BACCALAUREATE THESES.

A thesis is required of every candidate for the Bachelor's degree. It must be in the line of the student's main work during his Junior and Senior years, and its subject will be selected with the concurrence of the professor in charge of the study to which it belongs.

This selection of subject must be made and reported to the Faculty not later than the last Saturday before the Christmas holidays. Should a student fail to report such selection, a subject will be assigned him by the Faculty. The thesis in its completed form must be submitted to the professor in charge not later than the fourth Thursday before Commencement Day, and to be acceptable must have the character of a scholarly dissertation on the subject chosen. The candidate for graduation, after approval of his thesis by the Faculty, and before he can receive his diploma, must furnish a copy to be deposited in the Library. Special paper is provided for this, which may be obtained from the Librarian. Should a student fail to submit his thesis as above indicated, then, in order to secure its acceptance, he will be required to appear before the Faculty and furnish good and sufficient reasons for his delinquency.

ADVANCED DEGREES.

Courses of graduate study leading to advanced degrees are provided in the various departments, and such degrees are conferred as follows:

I. The degree of Master of Arts is conferred on any student who has taken the corresponding baccalaureate degree here or in other college of equal requirements, on the following conditions: (1) In case of non-residence the candidate for Master's degree is required to pursue a course of graduate study for two years under direction of the Faculty, pass satisfactory examinations and present a thesis on one of the subjects studied.

(2) In case of residence the candidate is allowed to limit his course of study to one year, provided that he, during that time, attend regularly all the exercises that may be assigned him, pass satisfactory examinations and present a thesis on one of the subjects studied. The work of candidates for Master's degree may consist (a) of subjects specially assigned to individual students and (b) of lines of study to be selected, under the direction of the Faculty, from undergraduate elective work, which, in the case of resident students may, in certain cases, be pursued along with undergraduate classes; but no work done by a student while yet an undergraduate shall be allowed to count anything toward fulfilling the requirements of a graduate course. Copy of thesis to be deposited in the Library as above indicated under *Baccalaureate Thesis*.

II. The degree of Doctor of Philosophy is conferred on graduates of this University or of any other institution authorized to confer the Bachelor's degree, on the following conditions: (a) The course of study shall occupy three years, two of which must be spent in residence at the University, and one year's study may be spent in non-residence; (b) The work required will be in one major study extending through the course. Other minor studies, not less than two, may be taken for a shorter time; (c) A meritorious thesis on some subject of original investigation shall be presented to the Faculty at the close of the course, and as a condition of the degree. Copy of thesis to be deposited in Library as above indicated.

COURSES OF STUDY.

LEADING TO THE DEGREE OF BACHELOR OF ARTS.

A selection of courses may be made conformably with any of the following outlines :

- I. GENERAL COURSE: Two of the three languages Latin, Greek, German; Mathematics, English, Bible, Biology (Botany) or Chemistry (General Chemistry with text-book, lectures, and laboratory work), French, Philosophy (Psychology, Logic, History of Philosophy), Physics, History.
- II. GENERAL COURSE (b): Two of the three sciences Biology (General Biology, Botany, Vertebrate Anatomy, Histology and Embryology), Chemistry, Mathematics; English, Bible, French, Physics, Astronomy, one of the three languages Latin, Greek, German.
- III. PRE-LAW COURSE: Two of the three languages Latin, Greek, German; Mathematics, English, Bible, French, Civics (Political Economy, American Government, Sociology, Roman Law, Feudal System, Ancient Law), Chemistry, Psychology, Logic, History.
- IV. PRE-MEDICAL COURSE: Chemistry, Biology (General Biology, Vertebrate Anatomy, Histology and Embryology, Physiology), Human Anatomy, Materia Medica, English, French, one of the three languages Latin, Greek, German; Mathematics, Chemistry, Physics.
- V. PRE-MINISTERIAL COURSE: Latin, Greek, English, Bible, Mathematics, Chemistry or Biology, course to be completed in Bible School. (See pp. 82-86.)

Any course of study to lead to graduation, except in the case of ministerial students, as above indicated,

must include, of the work described below, the following :

FRESHMAN: English, Elocution, Mathematics, Physical Culture or Military Drill, and any two of the four subjects Latin, Greek, German, Biology.

SOPHOMORE: English, Bible, Elocution, Physical Culture or Military Drill and *either* (1) two of the three languages Latin, Greek, German, with one of the three sciences Biology, Chemistry, Mathematics, *or* (2) two of the three sciences Biology, Chemistry, Mathematics, with one of the three languages Latin, Greek, German.

JUNIOR: French, and *either* (1) one of the three languages Latin, Greek, German, *or* (2) one of the three sciences Chemistry, Biology, Mathematics, together with elective work sufficient to furnish in all sixteen hours per week. (In laboratory work two hours count one.)

SENIOR: French and one language or one science, with electives, as above.

FRESHMAN YEAR.

I. BIOLOGY.

Th., Fri., Sat., 10-12.

General Biology: A study of the structure, functions, and development of typical plants and animals. An introduction Botany, to Zoology, and to the general principles of Biology. The following list of organisms will indicate the range and character of the work: amœba, arcella, pleurococcus, yeast, bacteria, euglena, paramœcium, vorticella, globigerina, diatoms, mucor, penicillium, spirogyra, laminaria, chara, moss, fern, hydra, earthworm, mussel, cray-fish, frog. Parker's Elementary Biology and Huxley and Martin's Practical Biology are used.

II. ELOCUTION.

Wed., 8.

Exercises in breathing, vocal culture, position and gesture. Elements of pitch, time, force and emphasis, with their practical application to selections. Analysis and memoriz-

ing of representative extracts from orations. Practice in extemporaneous speaking. More extended work in Oratory and Shakespearian reading may be taken in Sophomore year if desired.

III. ENGLISH.

Tu., Wed., 10; Th., 2; Fri., 8.

1. Rhetoric; Essays and Analyses.
2. Survey of English literature, illustrated with representative poems. Text-books: Brooke's Primer and Ward's English Poems. The object of this course is to secure an appreciation of the best English verse, together with an ability to judge of literary merit through the effort to acquire command of literary qualities.
3. History; Montgomery's Leading Facts of English History will be used as text-book, supplemented by lectures and by reading in Green, Gardiner, and works covering special periods. Written reviews will be required at regular intervals.

IV. GERMAN.

Tu., 8 and 9; Th., Sat., 8.

Before admission to the Freshman class, the student is expected to have acquired a very considerable vocabulary. The learning of the words and idioms occurring in the course of the reading is at all times emphasized. The reading during the year consists of works bearing upon German life, or upon certain periods of the history. Freytag's *Doktor Luther* and *Bilder aus der deutschen Vergangenheit*, Heinrich von Sybel's *Erhebung Europas* and Immermann's *Oberhof* are some of the texts used. Reading two hours a week.

One hour per week (Tu., 9) is devoted to the study of German History. Text-book, Müller's *Leitfaden zur Geschichte des deutschen Volkes*. Composition one hour a week, for which Jagemann's *German Prose Composition* is required.

Special Course in Reading: Students electing Biology in the Freshman year will devote one hour per week (Wed., 9) to reading Dippold's *Scientific Reader*.

V. GREEK.

Tu., 9; Th., Fri., Sat., 10.

Xenophon's *Hellenica* and *Memorabilia*, selections from Herodotus. Writing of Greek prose during the year. Either

Allinson's or Wilkin's manual will be used. The authors are read in the order mentioned. Three points are to be especially studied during this year—an accurate knowledge of the forms and syntax, the pronunciation of the Greek as expressive of thought, translation into good English. Students should have a classical atlas and dictionary of antiquities. Students will be admitted to the Freshman class when they have finished the Burgess Hall Preparatory Greek, or from other colleges provided they bring satisfactory certificates, otherwise they must pass an examination.

VI. LATIN.

Wed., 9; Th., Fri., Sat., 11.

Cicero, *De Senectute*; Livy, Book XXI; Horace, *Odes* and *Epodes*; Latin Writing; Mythology; Horatian Metres. The work runs through the year, the above authors being taken in the order named. Concurrent with the critical reading of these authors is daily practice in writing Latin—this as a means, the surest means, whereby the student may obtain a firm grasp of the structure of the language. The writing is at sight on material furnished by the writers read—mainly the *De Senectute*.

Students admitted to the Freshman class are required to be familiar with some such outline of Roman history as that of Myers. Where deficiencies in this regard are shown a review will be required.

In connection with the reading of Horace's odes due attention is given the subject of Greek and Roman mythology, particularly with a view to emphasizing its great influence on literature and art.

Besides the texts mentioned above, the student must be provided with Allen & Greenough's *Latin Grammar*, Lewis's *Latin Dictionary*, Guerber's *Myths of Greece and Rome* and a classical atlas.

VII. MATHEMATICS.

Tu., Wed., 11; Fri. 9.

Solid geometry, with a large selection of original problems and theorems, will be required. The resulting mensuration formulæ will be memorized and illustrated by examples. The advanced parts of algebra will be studied, embracing the logarithmic and binomial formulæ; the various series, with

the law of their convergency; choice, chance, probabilities; imaginaries, the theory of equations with the application of Sturm's Theorem and Horner's Method to the determination of irrational roots of numerical equations; the application of determinants to the solution of linear equations; Plane Trigonometry and land surveying, with practice in the use of the Transit and Level in roads and ditches and the requisite computations of excavation and fill.

VIII. MILITARY DRILL.

Wed., Fri., 4.

Freshmen are required to elect either Military Drill or Physical Exercise in the gymnasium.

The work is conducted according to the Infantry Drill Regulations of the United States Army.

Arms and accoutrements are supplied by the State.

IX. PHYSICAL CULTURE (Men).

Th., Sat., 9.

Carefully graded work in the gymnasium throughout the year, consisting of the following exercises: Dumb-bell and posture drill, rings, wrestling, side horse, ladders, single stick drill, Indian clubs, parallel bars, basket ball, high horizontal bar. Each day's work to be preceded by a practical talk, in general, on physiological subjects. Two such talks will be on personal purity, and two on gymnastic nomenclature.

X. PHYSICAL CULTURE (Women).

Th., Sat., 9.

All exercises are taken under the supervision of the director. Military and fancy marching, dumb-bells, wands, Indian clubs, Swedish movements and æsthetic gymnastics.

SOPHOMORE YEAR.

I. BIBLE.

Tu., 9; Wed., Th., Sat., 8.

(1.) In this study the first half of the year is given to the study of the Old Testament; the latter half to the study of the New.

The instruction is by means of lectures, with reading of such portions of the scriptures as are covered by the lectures.

The first half of the year the lectures are on the Pentateuch, discussing the origin of things, the patriarchal age, the rise and institutions of the Hebrew nation, the conquest of Canaan, the rise and growth of the Kingdom and its history until the Christian era.

(2.) The second half of the year the New Testament is studied in the following order:

The Gospels: The life, the teachings and the works of Christ, presented in a chronological order.

Acts of Apostles: The rise and growth of the church is traced, and questions belonging to the Apostolic age discussed.

The Epistles: These are classified on the basis of their subject-matter; the more important are carefully studied, and some one analyzed as to its teaching and form of argument.

II. BIOLOGY. The class is divided into two sections, the student electing either Botany or Vertebrate Anatomy.

BOTANY.

Tu., Wed., Th., 2-4.

A study of the Phanerogams and Ferns. (1.) The plant cell, its structure and simple functions; cell division and conjugation; sex in plants. (2) The structure and development of vegetative and reproductive organs as illustrated in the sunflower, elm, maize, hyacinth, smilax, Scotch pine, *Aspidium*, *Adiantum*. (3) Physiology of plants. Bessey's Botany and Bower's Practical Botany, Part II, will be required. Open to students who have taken Preparatory Botany or General Biology.

VERTEBRATE ANATOMY.

Tu., Wed., 10-12; Th., 2-4.

(1) General development of the Vertebrates, Classification, Geological Succession. (2) A comparative study of the physiological apparatus of Vertebrates: the skeleton, muscular system, nervous system, sense organs, respiratory mechanisms, etc. (3) Parallel with the above, laboratory work on *Amphioxus*, the lamprey, skate, cod, lizard, pigeon and cat (or rabbit). Parker's Zootomy and Wiedersheim and Parker's Comparative Anatomy are used. Prerequisite: General Biology.

III. CHEMISTRY.

Th., Fri., Sat., 10-12.

General Chemistry is studied by means of lectures and a text-book. Remsen's *Introduction to the Study of Chemistry* (new edition) will be the class book, while Remsen's *Complete Work* will be much used as a book of reference.

Qualitative analysis is begun. Detection of bases completed. In Qualitative analysis instruction is given mainly by lectures, but students are required to have some standard laboratory manual on the subject. Most of the work after the first term is done in the laboratory.

IV. ELOCUTION.

Tu., 8.

Further exercises as outlined under Freshman year.

V. ENGLISH.

Th., Sat., 9.

1. Themes, once a week throughout the year.

2. English prose masters: Moore, Sidney, Milton, Bacon, Addison, Burke, Carlyle, and De Quincey, as typical authors, are studied critically. Frequent essays are required, the object of which is to test the student's critical ability.

VI. GERMAN.

Tu., 9; Fri., 2; Sat., 9.

The aim in this year's work is to acquaint the student with some of the best known German novels and classics. Freytag's novels, Scheffel's *Ekkehard*, Heine's *Harzreise*, Schiller's *Tell*, Lessing's *Minna von Barnhelm*, etc., are read. In the selection of texts, the tastes of the class are consulted. Exercises in composition are continued throughout the year.

VII. GREEK.

Tu., Wed., 10; Fri., 2.

Homer's *Iliad* or *Odyssey*; the shorter orations of Demosthenes. Two terms will be spent on Homer; selections from the *Iliad* or the *Odyssey* will be read, enough to go through the entire story of either. The syntax of the language and the arrangement of words will be studied by requiring students to transfer translations made from the author read back into Greek. In connection with Homer, mythology will be taken.

VIII. LATIN.

Tu., Wed., 11; Th., 2.

The *Phormio* of Terence, *Epistles* of Horace, *Dialogus de Oratoribus* of Tacitus, translations at sight, Roman History, History of Roman Literature.

The above-named authors will be read in the order given, the work continuing throughout the year, with frequent exercises in translation at sight. The collateral historical work indicated is meant to be (1) selected epochs of Roman political history down to the close of the reign of Augustus (Merrivale's General History of Rome), and (2) a comprehensive view of the whole field of Roman classical literature. (Wilkin's Primer of Roman literature.)

IX. MATHEMATICS. *Th., Fri., Sat., 10.*

(a) Bowser's Analytical Geometry, Differential and Integral Calculus, followed by his Analytical Mechanics and a solution of all the examples in each, extending through the Sophomore and one term of the Junior year. (b) A course in Higher Algebra, Theory of Equations and Elementary Determinants. (c) A course in Cremona's Projective Geometry.

X. MILITARY DRILL. *Wed., Fri., 4.*

Regular work according to the infantry drill regulations of the United States army, as in Freshman year.

XI. PHYSICAL CULTURE. *Wed., Fri., 9.*

Work in the gymnasium throughout the year, consisting of carefully arranged variations of the following exercises: (*Men.*) Single stick drill, high bar, wrestling, long horse, Indian clubs, side horse, floor work, parallel bars, and spring board. Practical talks as indicated in Freshman year. Each day's exercises will be preceded by a short, sharp run of five minutes.

(*Women.*) Military and fancy marching, dumb-bells, wands, Indian clubs, Swedish movements and æsthetic gymnastics.

JUNIOR YEAR.

I. BIOLOGY. *Tu., Th., Sat., 2-4.*

(a) *Physiology.* An introduction to Human Anatomy and Physiology. Recitations and demonstrations once a week throughout the year. Martin's text-book is used.

(b) *Histology and Embryology.* (1) A study of normal

adult tissues, with special attention to the Mammalian type. Practical work in the preparation of material is required of each student. (2) The development of the chick during the first three days.

Four hours' laboratory work a week throughout the year. Piersol's Normal Histology, Foster and Langley's Histology, Foster and Balfour's Elements of Embryology.

Pre-requisite, General Biology and Vertebrate Anatomy.

II. CHEMISTRY.

Tu., Th., Sat., 2-4.

Qualitative analysis continued. Detection of acids, analysis of simple and mixed salts, minerals, alloys, and ores. Quantitative analysis. First, by gravimetric, then by volumetric methods. Students will have sufficient practice in each to acquaint them well with the processes commonly used in quantitative analysis. Special work may be done in the analysis of milk, butter, examination of waters, urine, or in any line for which the student is thought by the professor in charge to be qualified. Time, at least six hours per week in the laboratory.

III. CIVICS.

Th., Fri., Sat., 10.

(1) Political Economy is studied the first term, in which Walker or Ely is used as a text-book. Reports on special topics are made by the class, with the aid of other authors, whose works are in the library.

(2) Sociology in the second term will be taught chiefly by lectures, in which the facts and history of associated life will be presented, and the problems of modern social and industrial conditions will be discussed.

(3) The government of the United States will be studied by means of lectures and text-book. The lectures discuss the origin and formation of the Constitution of the United States; a text-book is used to give an analysis of the Constitution. Hinsdale's American Government is used as the text.

IV. ENGLISH.

Tu., 9; Th., Fri., 8.

Further study of poetical master-pieces—Chaucer, Spencer, Shakespeare, and 18th century poets. Historical study of poetic forms. In spring term, Victorian poets.

V. FRENCH.

Wed., Th., Fri., Sat., 9.

The beginning class uses as text-book Van Daell's Introduction to the French Language, or some similiar work, spending the first term in acquiring the pronunciation, a working vocabulary, an acquaintance with the simpler rules of syntax, and a knowledge of the irregular verbs. Latin, French and English word-forms are made a basis for incidental exercise in etymology and historical phonetics. Reading of connected prose is commenced at the earliest opportunity, Van Daell's Introduction to French Authors, or some such collection of stories and poems furnishing the material. The reading of the latter part of the year consists in La Fontaine's fables and some more difficult nineteenth century prose and verse. Composition is based on the texts read.

VI. GERMAN.

Tu., 11; Wed., 2; Sat., 11.

In the Junior year a more exact study of the literature and its history is begun. It is expected that the student will have acquired by this time a knowledge of vocabulary and sentence structure sufficient to render reading very easy. Koch's *Geschichte der deutschen Litteratur* is used as a text-book. This work is supplemented by outside reading and references to other histories of the literature. In connection with each period, as studied in the text-book, representative works of the period are read. For such as desire conversation in this year, hours will be arranged for meeting.

VII. GREEK.

Tu., 11; Wed., 2; Sat., 11.

Greek Drama. Æschylus, Sophocles and Euripides. One or more tragedies from each. A careful study of the metre will be made. Further, a literary study of these authors, given by means of lectures and extracts from their works. The Greek Theatre, with all its accessories, will be another feature of this year's work.

VIII. HISTORY.

Wed., Th., Fri., 11.

In addition to General History, which is required for entrance, students in Latin, Greek, German and English are given, in those departments, courses in the outline history of Rome, Greece, Germany and England. The first year's gen-

eral work in the department of History covers the mediæval period. Text-book (Duruy), lectures and recitations are employed, together with frequent written reviews.

The social and political conditions which brought the Feudal system into existence are studied, as well as those that resulted therefrom. The rise of the Papacy, of Moham-medanism, of the Holy Roman Empire, and of the French Monarchy, receive special attention.

IX. LATIN. *Tu., Wed., 10; Fri., 2.*

Pliny the Younger, Juvenal, Tacitus, the literature and history of the early Empire.

The work continues throughout the three terms with reading of selected portions of the writers named. The following text-books are recommended: Holbrooke's Pliny's Letters, Chase's Selections from the Satires of Juvenal, Champlin's Selections from Tacitus. Collateral reading in the period studied is required in Merivale's General History of Rome, and in Cruttwell's History of Roman Literature.

X. MATHEMATICS. *Tu., Wed., Sat., 8.*

Bowser's Mechanics finished. Johnson's Surveying, embracing adjustment and use of instruments, land, topographical, geodetic and city surveying, with computations of earth work. Those taking course (a) in Sophomore year can, instead of the foregoing, take higher work in Analytical Geometry and Calculus during the Junior and Senior years. Charles Smith and Todhunter or Williamson will be used. This course would furnish a good introduction to work in the Polytechnic schools.

XI. PHYSICS. *Tu., Wed., 10; Fri., 2.*

During the first term are mastered the general properties of matter; principles of motion and force; laws of motion as affected by gravity and other forces separately and combined; theory of machinery; elasticity and strength of materials.

During the second term are taught hydrostatics and hydrodynamics, followed by the kinetic theory of gases; the theory of undulations in elastic fluids, with applications to

sound, and the theory of musical instruments. Then follow laws controlling other waves, with application to refraction and reflection of light, and the construction and use of optical instruments.

The third term is given to the study of electricity and magnetism. Lectures on the method of generation of electricity and its application to lighting, telegraphy, the telephone and the driving of machinery are given.

Text-books: Bowser's or Peck's Analytical Mechanics, Wright's Sound, Light, and Heat, Poyser's Magnetism and Electricity.

•

SENIOR YEAR.

I. ANATOMY.

Wed., Fri., 2-4.

(1) Osteology, articulations, muscles, and fasciæ. (2) Circulatory system, respiratory system, nervous system, organs of special function, with course of dissection. (3) Minor surgery: Sutures, bandages, dressings, methods, preparation, practical work. Prerequisite: General Biology, Vertebrate Anatomy, Histology.

II. BIOLOGY.

Wed., Fri., Sat., 2-4.

During this year students who have had at least two years' work in Biology may pursue advanced studies for which they are prepared, in any one of the following lines: Animal Histology, Vertebrate Embryology, Invertebrate Morphology, Systematic Zoology, Cellular Biology. Students making Biology their major study will devote a part of the time to the preparation of a thesis. Such assistance is given as will enable the student to accomplish his ends.

III. CHEMISTRY.

Wed., Fri., Sat., 2-4.

This year will be given to the study of organic chemistry. Remsen's work will be the text-book, supplemented by some laboratory manual. Besides mastering the text-books, students will do much laboratory work in the preparation and analysis of organic substances.

IV. CIVICS.

Wed., Thu., Sat., 9.

(1) Roman Law is studied the first term. The *Civil* law is taught by means of text-books, such as Hadley, Gibbon, and the Justinian Code. Special attention will be given to the *political* system of Rome, and the development of its constitution.

(2) The second term, the Constitutional History of England will be studied in such texts as Hallam, Stubbs and May. It is the aim of this study to trace the rise and growth of constitutional liberty among English-speaking people.

(3) The Political and Constitutional History of the United States from Washington to Lincoln, will be studied the third term, with constant reference to such authors as Cooley, Von Holst, and Johnston.

V. ENGLISH.

Tu., Wed., Sat., 8.

Two alternative courses are offered. (1) English Drama: Interpretative study of Shakespeare, *Fall term*. English fiction, *Winter term*. Study of great orators, *Spring term*.

(2) Anglo-Saxon throughout the year.

VI. FRENCH.

Tu., Th., Fri., Sat., 10.

The year is given up to a systematic study of French literature, history being constantly supplemented by reading and criticism of authors and the literature of successive periods. After work on Joinville's *Histoire de Saint Louis*, and some of the earlier lyric verse, the masterpieces of Corneille, Racine and Moliere are studied in connection with the development of the drama. Then follows reading from Pascal, Bossuet, Voltaire and Beaumarchais. The romantic school, as exemplified in Balzac, Victor Hugo, Lamartine and George Sand, is considered, and the course closes with a review of the most popular writers of the last half century. Some attention is to be given each week to sight-reading, conversation and composition.

VII. GEOLOGY.

Tu., 9; Th., 8; Fri., 9.

Lectures, recitations and laboratory work.

An introduction to Crystallography, Mineralogy, Lithology, and the general principles of Geology. (1) A study of crystal forms and systems of notation. (2) Determination of min-

erals by physical characters and simple chemical and blow-pipe tests. (3) Geology proper, Dynamical, Structural, Historical. Text-book, Leconte's Elements of Geology. For reference, Williams' Crystallography, Dana's Mineralogy.

Open to students who have taken General Biology, Physics and Chemistry.

VIII. GERMAN.

Wed., Th., Fri., 11.

The class continues the study of the literature with Koch's *Geschichte der deutschen Litteratur* as a text-book, and with readings in and out of class. The work done will be chiefly the study of the masterpieces of Lessing, Goethe and Schiller, including both poetry and prose.

IX. GREEK.

Wed., Th., Fri., 11.

Greek orators—Demosthenes, Æschines and Isocrates. Selections from Demosthenes and part of Æschines against Ktesiphon. A careful study of the Macedonian period will be made. Lectures on Archæology, with help from photographs.

X. HISTORY.

Tu., 11; Th., 2; Sat., 11.

The second year's work is done chiefly through recitations from lectures and study of works of reference. It begins with the period of the Renaissance and the Reformation, and deals with the leading social, political and religious questions of Modern European History. The Empire of Charles V., the age of Louis XIV., and the rise of the Prussian Monarchy, are special topics. The French Revolution and the Napoleonic Era are then studied, and the year's work closes with a review of the course of events since the battle of Waterloo.

XI. LATIN.

Tu., 9; Th., 8; Fri., 9.

A choice may be made of either of the following courses:

A Teachers' Training Course. This includes the Latin authors and the exercises in composition and in grammatical drill common to secondary school instruction, and its purpose is to prepare students who may intend teaching to enter upon their work with confidence.

A Course for Intending Students of Law. The Institutes of

Justinian will be read with references to the Codex and Digest. In addition to the translation and analysis of the text, the influence of the civil law on modern legislation is traced by the help of Hadley's Introduction to Roman Law and Morey's Outline of Roman Law.

The latter course, only, will be taught in '95-6.

XII. MATERIA MEDICA.

Th., 3; Sat., 2-4.

The course consists of lectures and recitations. The department is provided with a collection of medicines, embracing most of the remedies now in use, both officinal and unofficial, thereby assisting the student in acquiring reliable knowledge of the physical properties and characteristics of remedial agents. For the purpose of practical instruction, experiments will, from time to time, be performed upon the lower animals, in order to better acquaint the student with the physiological and toxic action of the various drugs.

XIII. MATHEMATICS.

Wed., Th., Sat., 9.

A course in General Astronomy, text-book of Chas. Young; three hours weekly, two terms. Uranography and observatory work, one term. Adequate reference books, sufficient for all needs in the above courses, will be found in the College Library.

XIV. PHILOSOPHY.

Tu., 2; Wed., 10; Fri. 8.

- (1) *Psychology*. The study of the contents of consciousness; discussion of problems leading up to philosophy. Text-book of some approved author.
- (2) *Logic*. The laws of pure thought are studied, their application fully exemplified. Jevon's text-book is used.
- (3) *History of Philosophy*. Lectures on the history of philosophic thought; the methods and principles of the various schools analyzed and explained; references to authors, and thesis on a subject assigned is required.

BIBLE SCHOOL.

The condition of admission to this department is that the student have completed the Sophomore year of the collegiate course (having taken the Latin and Greek).

For details see under "Courses of Study" in this catalogue, pages 67-73.

It is the purpose that the student, on leaving this school, shall have a profound and systematic knowledge of the Bible, a sufficient knowledge of the history of the church, including doctrine, a good practical knowledge of Hebrew, Greek, Latin, and German, an acquaintance with some of the best theological works of the past and present, and that he shall be well trained in exegesis, in original investigation, and in the art of expression. In order to secure the necessary training in the above named languages and in original investigation, the student will be required, wherever it is practicable, to go to the sources. That is, he will be required to read in Josephus, Philo, Eusebius, and also in the classic authors, when the meaning of a word or a construction is sought, or when the views of the ancients, or the history of the time, will be helpful to an understanding of a passage of Scripture.

Students will write dissertations on questions of language, history, and on the contents of passages. This

is believed to be the best preparation for the writing of sermons.

Courses of lectures on various sciences will be delivered to the ministerial students. These lectures, accompanied with experiments, will be quite popular in character, and will require no preparation on the part of the student. The purpose is to contribute to the student's general information by giving him some notion of the sciences.

To complete the entire course requires four years. The classes are designated, for convenience, *Quarta*, *Tertia*, *Secunda*, *Prima*.

The course is an organic whole, yet the work of *Quarta* and *Tertia* is reckoned as undergraduate, for which the degree of A. B. will be given, and the work of *Secunda* and *Prima* is reckoned as graduate, for which the degree of A. M. will be given by the College, and a certificate, by the Bible School.

QUARTA.

(First year of course in Bible School.)

GREEK.—The Gospels begun. A harmony of the four Gospels is used (Robinson's at present). The harmony facilitates the study both of the language and its contents. In connection with the reading of the Gospels portions of Josephus, Philo and Eusebius, are read in Greek. An effort is made to acquaint the student with the spirit of the Greek language and the peculiarities of the New Testament idiom; with the geography of Palestine, and with the political, social, and religious condition of its inhabitants. All historic questions connected with the Gospels are carefully considered. All passages requiring it, especially the Parables, are care-

fully analyzed, both to exhibit to the student the correct method of interpretation, and to unfold to him the meaning. The chief aim and effort is to help the student to a clear conception of the life and work of our Savior. *Five hours a week.*

HEBREW.—*Genesis* and *Exodus* are read. The forms and the syntax are explained orally. As it is the intention to read the entire Old Testament in Hebrew, much stress is laid upon getting a good vocabulary during the first year. Here, as in the study of the New Testament, careful attention is given to Exegesis. The books studied are treated as from God, and therefore the questions raised by higher criticism find no place in the class discussions until the students have studied the whole Bible as the Word of God. We hold it to be wrong to lay such questions before immature minds. In *Prima* some attention is given to these questions. *Five hours a week.*

LATIN.—*Augustini de Civitate Dei* begun. It is the intention to make a critical study of the Augustinian period of church history, and this work has been selected for the beginning. It is believed that church history can be learned best by making a critical study of certain periods, such as the Apostolic, the Augustinian, the Lutheran, and then connecting them by hand-book or lectures. The reading in Latin is made subservient to church history. *Three hours a week.*

GERMAN.—The aim is to secure to the student such a knowledge of the elements of the language that he can, the following year, begin the reading of books directly connected with his work. *Five hours a week.*

LOGIC.—Text-book and lectures. *One hour a week.*

CHEMISTRY.—It is the aim to teach the principles and laws of the science as well as to give the most important facts of chemistry, and to show the methods of work used by the chemist. The more important of the elements are considered in some detail. The methods of qualitative and quantitative analysis are illustrated. A few lectures are

given on Organic Chemistry. It is believed that in about forty lectures an intelligent though not comprehensive view of the science may be acquired. *One hour a week.*

TERTIA.

GREEK.—The Gospels finished as described under *Quarta*. Acts read with some portions of Eusebius. In Acts we have the history of the beginning of the Church—the first preachers, their conduct, the contents and manner of their preaching; the first conversions; the organization and government of the first congregations. Careful attention is given to all these in the study of the Book of Acts. In connection with the above, Philemon, Timothy, Titus, II and III John, Thessalonians and Philippians are read. *Five hours a week.*

LATIN.—Augustini de Civitate Dei finished as described under *Quarta*. *Three hours a week.*

HEBREW.—The Pentateuch finished, Joshua, Judges, Samuel, read. *Five hours a week.*

GERMAN.—Reading of sermons and easier theological discussions. *Four hours a week.*

PSYCHOLOGY.—Beck's Biblical Psychology and Lotze's Outlines of Psychology, with lectures. *Two hours a week.*

PHYSICS.—The object sought by these lectures is to make the student familiar with the most common phenomena of nature and to illustrate the application of natural forces to the running of machinery. The phenomena of light, sound, and heat, are demonstrated by experiments, and the theories concerning their nature and laws are presented. The subject of electricity will be treated in a practical way, the various modern electrical machinery and appliances will be described and explained. *One hour a week.*

SECUNDA.

GREEK.—Peter, Jude, I John, Corinthians, Galatians, and Hebrews read. *Four hours a week.*

HEBREW.—The historical books finished. Psalms, Proverbs, and some of the minor Prophets, read. *Four hours a week.*

LATIN.—Selections from Calvin, Luther, and Melancthon. *Three hours a week.*

GERMAN.—Selections from Beck's Vorlesungen über Christliche Glaubenslehre. *Four hours a week.*

CHURCH HISTORY.—Text-book and lectures. *Three hours a week.*

GEOLOGY AND NATURAL HISTORY.—The course begins with the consideration of the most important Geological forces and their mode of operation during the present age. Their effects are then traced in some of the principal events of the earth's past history, with particular reference to North American Geology; and finally, in connection with the study of some existing forms, the history of plant and animal life will be briefly sketched. *One hour a week.*

PRIMA.

GREEK.—James, Romans, Ephesians, Colossians, and Revelations are read. In connection with Revelations the chief eschatological passages in the Old and New Testaments are reviewed. *Four hours a week.*

HEBREW.—The Prophets finished and Job read. The conclusions reached by higher critics are given and considered. *Four hours a week.*

LATIN.—Selections from Calvin, Luther, and Melancthon. *Three hours a week.*

GERMAN.—Selections from Beck's Vorlesungen über Christliche Ethik. *Three hours a week.*

O.T.) THEOLOGY.—Lectures and class discussions. Every question
N.T.) of doctrine will have been fully discussed in connection with the reading of the various books of the Bible. These lectures are intended as a review—a summing up. *Three hours a week.*

PASTORAL THEOLOGY.—Beck's Pastoral Theology of the New Testament, with lectures. The purpose here is likewise to sum up what has already been learned on this subject from the New Testament. *One hour a week.*

HOMILETICS.—Text-book with lectures. The student by this time will have had much training in the writing of dissertations. Attention is given entirely to the preparation and delivery of sermons. *Two hours a week.*

ASTRONOMY.—Lectures with observations. *One hour a week.*

ELOCUTION.

Those who have not had the required elocutionary drill may enter special classes formed by the instructor in elocution in the College.

LIBRARY.

The College Library, which is open to ministerial, as to other students, contains a considerable number of valuable theological works. The students have access, free of charge, also, to the State library in Indianapolis. In the College reading room are the best theological and religious periodicals of America.

PHYSICAL EXERCISE.

The gymnasium is open to ministerial students, as to all others, free of charge.

SELF-SUPPORT.

Many ministerial students are under the necessity of supporting themselves while in school. Those sufficiently prepared have been able hitherto to find remunerative employment with the churches in reach of Irvington. As the number of ministerial students increases the difficulty of finding such employment increases. But with energy and perseverance work can

still be found. Students can and do render each other great assistance in finding work. Strangers will be kindly received and generously helped, but success will depend upon self. Churches insist upon seeing and hearing before employing.

If a student intends paying expenses by preaching he should be here promptly at the opening of the fall term, provided with sufficient money for the first term. He must visit churches in which vacancies are about to occur, and make the acquaintance of the members. If diligent and capable he will very probably have work enough by the first of January. Churches usually make their arrangements for preaching at the beginning of the year.

For information, address

PROFESSOR H. C. GARVIN.

SPECIAL PRE-MEDICAL COURSE.

The work offered intending students of medicine may be so arranged as to be completed in two years. When so arranged, however, the course does not lead to a degree. It is recommended as far better that the student, if possible, pursue one of the regular four years' courses, electing the medical work as indicated on page 66 of this catalogue.

FIRST YEAR.

I. CHEMISTRY.

Three double hours per week.

General Chemistry studied by means of lectures and textbook, Remson's Introduction to the Study of Chemistry (new edition); Remson's Complete Work used as book of reference.

Qualitative Analysis begun. Detection of bases completed. Instruction in Qualitative Analysis given mainly by lectures, but students are required to have some standard laboratory manual on the subject. Most of the work after the first term is done in the laboratory.

II. BIOLOGY.

Four double hours per week.

General Biology, a study of the structure, functions, and development of typical plants and animals; an introduction to Botany, Zoology, and to the general principles of Biology. The following list of organisms will indicate the range and character of the work: amœba, arcella, pleurococcus, yeast, bacteria, euglena, paramœcium, vorticella, globigerina, diatoms, mucor, penicillium, spirogyra, laminaria, chara, moss, fern, hydra, earthworm, mussel, cray-fish, frog.

Parker's Elementary Biology and Huxley and Martin's Practical Biology are used.

III. PHYSICS.

Three hours per week.

General properties of matter; principles of motion and force; laws of motion as affected by gravity and other forces separately and combined; theory of machinery; elasticity and strength of materials.

Hydrostatics and hydrodynamics, followed by the kinetic theory of gases; the theory of undulations in elastic fluids with applications to sounds; laws controlling other waves, with application to refraction and reflection of light, and the construction and use of optical instruments.

Electricity and magnetism; Lectures on the method of generation of electricity and its application to lighting, telegraphy, the telephone, and the driving of machinery. Text-books: Bowser's or Peck's Analytical Mechanics, Wright's Sound, Light, and Heat, Poyser's Magnetism and Electricity.

IV. ELECTIVES.

Six hours per week.

(See pages 67-80, of this catalogue.)

SECOND YEAR.

I. CHEMISTRY.

Four double hours per week.

Qualitative analysis continued. Detection of acids, analysis of simple and mixed salts, minerals, alloys, and ores. Quantitative analysis: First, by gravimetric, then by volumetric methods. Students will have sufficient practice in each to acquaint them well with the processes commonly used in quantitative analysis. Special work may be done in the analysis of milk, butter, examination of waters, urine, or in any line for which the student is found qualified.

II. VERTEBRATE ANATOMY.

Three double hours per week.

General development of the Vertebrates, Classification, Geological Succession. Comparative study of the physiological apparatus of Vertebrates; the skeleton, muscular system, nervous system, sense organs, respiratory mechanisms, etc. Parallel with the above, laboratory work on *Amphioxus*, the lamprey, skate, cod, lizard, pigeon, and cat. Text-books: Parker's Zootomy and Wiedersheim and Parker's Comparative Anatomy. Prerequisite, General Biology.

III. HISTOLOGY AND EMBRYOLOGY. *Two double hours per week.*

(1) A study of normal adult tissues, with special attention to the Mammalian type. A knowledge of methods of hardening, staining, etc., is gained through the preparation of material by the student. (2) The development of the chick during the first three days. Laboratory work throughout the year, with a weekly quiz or lecture. Text-books: Piersol's Normal Histology, Foster and Langley's Histology, Foster and Balfour's Elements of Embryology. Prerequisite, General Biology.

IV. PHYSIOLOGY. *Two hours per week.*

An introduction to Human Anatomy and Physiology. Martin's text-book is followed.

V. MATERIA MEDICA AND THERAPEUTICS. *Two double hours per week.*

Lectures and recitations. The department is provided with a collection of medicines embracing most of the remedies now in use, both officinal and unofficinal, thereby aiding the student in the acquisition of trustworthy knowledge regarding the physical properties and characteristics of remedial agents. For the purpose of practical instruction, from time to time, experiments will be performed on the lower animals in order to better acquaint the student with the physiological and toxic action of various drugs.

VI. HUMAN ANATOMY. *Two double hours per week.*

Gray's Anatomy: (1) Osteology, articulations, muscles and fasciæ. (2) Circulatory system, respiratory system, nervous system, organs of special function, with course of dissection. (3) Minor Surgery: sutures, bandages, dressings, methods, preparation, practical work.

DEPARTMENT OF MUSIC.

To the student of music, the College can offer advantages and facilities of an unusual order. Arrangements with the Indianapolis College of Music have secured the services of its staff of teachers and assistants. The Principals of the various departments are specialists of thorough education from the most famous schools of Europe; the assistant teachers are well trained and competent.

Pupils who are identified with the College in literary work will be granted a diploma in music upon the completion of the following or a similar curriculum.

Two Preparatory Grades, in which arm, hand and finger touch are introduced.

Ear culture and all the more common notation figures necessary to a correct comprehension of *time*, with varied note lengths.

Finger exercises of many kinds, including Mason's two-finger exercises.

Preparation scale exercises, with scales in a rhythmical form of one or two octaves with grand arpeggio.

The studies and pieces best calculated to accomplish the desired result are used. These grades are usually completed in one year.

FRESHMAN YEAR.

Mason's two-finger exercises continued. Scales in three octaves, in rythmical form, with grand arpeggios in all positions. Kuhlman's Sonatines, Liebert, and Stark. Velocity Studies. Some sonatas of Haydn's and pieces of various schools, old and new. Pupils in this grade will be permitted to play in private recitals and public concerts.

SOPHOMORE YEAR.

Two-finger exercises with scales and arpeggios in canon form, in difficult rythms. Sight reading, including the best literature and musical analysis, with much theory, including phrasing and musical form in its various relations. Heller, Mozart, Bach, and Mendelssohn, will be studied in this connection, as well as more modern writers, and pupils will now be required to play solo numbers in both public and private recitals. Tempos must be brought to metronome time.

JUNIOR YEAR.

Scales and arpeggios in new and complicated rhythms, with minor scales and arpeggios. Sight reading in musical literature, musical analysis, velocity studies, octave studies, studies of the romantic school, with sonatas of Mozart, Beethoven and much music of the modern school of composers.

SENIOR YEAR.

Complicated technical exercises; double thirds and sixths; studies of Cramer, Kullak, etc. Almost the entire year is devoted to the study of the writers of the romantic school of composers, including Schubert's impromptus, Chopin's waltzes, nocturnes, preludes, and Schumann selections, with concerted music of the best grade, including many pieces of modern times, with sight reading of the best musical literature and graduation solo.

The works of J. S. Bach to be studied in each grade; also many technical and velocity studies by Czerny and Clementi, including Clementi's *Gradus ad Parnassum*.

TERMS.

Piano, two lessons a week.....	\$15.00
Voice, " " "	15.00
Piano, one lesson a week.....	8.00
Voice, " " "	8.00

Harmony, in classes of six or more, one lesson per week, \$5.00.

Piano practice at reasonable rates. Address,

J. M. DUNGAN,
INDIANAPOLIS COLLEGE OF MUSIC,
Indianapolis, Ind.,
Or Musical Department of Butler College.

BURGESS HALL PREPARATORY SCHOOL.

INSTRUCTORS.

OMAR WILSON, A. B.,
Principal.

H. T. MANN, B. S.,

LIDA E. GILBERT,

MARY E. WILSON.

EVELYN M. BUTLER, A. B.

ORGANIZATION.

The Preparatory School was formally separated from the College proper in the fall of 1890. This division of the work was made possible by the erection of a new building, Burgess Hall, and by the employment of additional instructors.

PURPOSE.

As the name suggests, it is the purpose of this school to prepare students for college. Students who expect to enter college will save time by attending a preparatory school. This is verified every year in the case of those who come from high schools and seminaries where the studies are not arranged with reference to college work. These schools often have brief courses

in Mental Philosophy, Moral Philosophy, Chemistry, and other subjects which must be studied more fully in college.

ADMISSION.

In order to enter the First Preparatory class, applicants are required to pass examinations in Descriptive Geography, Arithmetic, Elementary Physiology, U. S. History and English Grammar. Applicants for admission to the Second Preparatory must pass examination on the work of the First Preparatory, and applicants for admission to the Third Preparatory on that of the Second Preparatory. See pp. 100-104.

Exceptions to the above are made in the case of students from other colleges and from the Indianapolis schools. Those who have completed the 8 A grade of the Indianapolis common schools may enter First Preparatory upon presenting certificates from their teachers. Those coming from the Indianapolis High School or from other colleges will be credited with whatever work of the preparatory they have completed, but will be conditioned on all not completed. These will bring certificates from the principal of the high school or the president of the college.

CLASSIFICATION.

Although a student may have the larger part of his work in the Third Preparatory, yet if he have as much as a year's deficiency in more than one study he will be classed Second Preparatory. A student similarly

deficient in the Second Preparatory will be classed First Preparatory.

ENTRANCE EXAMINATIONS.

There will be two periods for entrance examinations, one during commencement week and one during the first week of the fall term. We urge all who can to take the examinations in commencement week. In case some should fail at that time they would have the summer vacation in which to prepare for the fall examinations. Candidates for First Preparatory will have examinations as follows :

Monday, June 3, and Tuesday, Sep. 3, 1895.

Descriptive Geography.....	8-10 A. M.
Arithmetic	10-12 "
English Grammar.....	2- 4 P. M.

Tuesday, June 4, and Wednesday, Sep. 4, 1895.

U. S. History.....	8-10 A. M.
Physiology.....	10-12 "

Candidates for admission to the Second Preparatory will be examined :

Monday, June 3, and Tuesday, Sep. 3, 1895.

Latin (one year's work)	8-10 A. M.
General History	10-12 "
English (Reed and Kellogg's <i>Higher Lessons</i> or an equivalent).	
American Literature. See p. 100.....	2- 4 P. M.

Tuesday, June 4, and Wednesday, Sep. 4, 1895.

Civil Government.....	8-10 A. M.
-----------------------	------------

Candidates for admission to the Third Preparatory will be examined :

Monday, June 3, and Tuesday, Sep. 3, 1895.

Latin (Second Preparatory work or an equivalent).....	8-10 A. M.
German (one year's work).....	10-12 "
Greek " " "	2- 4 P. M.

Tuesday, June 4, and Wednesday, Sept. 4, 1895.

English (Second Preparatory work)	8-10 A. M.
Algebra (To Quadratic Equations).....	10-12 "

In the spring of 1896 the entrance examinations will be as follows :

FIRST PREPARATORY.

Monday, June 8.

Descriptive Geography	8-10 A. M.
Arithmetic	10-12 "
English Grammar	2- 4 P. M.

Tuesday, June 9.

U. S. History	8-10 A. M.
Physiology	10-12 "

SECOND PREPARATORY.

Monday, June 8.

Latin (one year's work)	8-10 A. M.
General History	10-12 "
English (<i>Reed and Kellogg's Higher Lessons in English or an equivalent</i>), American Literature. See p. 100.....	2- 4 P. M.
Civil Government	4- 5 "

THIRD PREPARATORY.

Monday, June 8.

Latin (Second Preparatory work)	8-10 A. M.
German (one year's work)	10-12 "
Greek " " "	2- 4 P. M.

Tuesday, June 9.

English (Second Preparatory work)	8-10 A. M.
Algebra (To Quadratic Equations).....	10-12 "

It is important that these examinations be taken at the times appointed. Students will then be ready to begin registration on the opening day of school, September 5. Those who fail to attend on the days

announced will be admitted to classes only on condition that they take the examinations as early as convenient for the instructors. Irregular examinations cost each student \$1.00.

CLASSES.

In the first year all students have the same studies. In the second and third years the students choose between Greek and German. Farther than this, studies in the Preparatory are not elective.

PHYSICAL CULTURE.

Physical culture twice a week in the gymnasium, or military drill, is required of all Preparatory students. Young men are required to provide themselves with the *Infantry Drill Regulations of the U. S. Army*. See also p. 61.

MILITARY DRILL.

See pp. 50-51.

LIBRARY AND READING ROOM.

Preparatory students have the same privileges of the library and reading room as students in the College.

CONTEST IN DECLAMATION.

A contest in declamation is held near the close of the third term. The first prize is ten dollars, the second, five dollars, and the third, three dollars. Joseph I. Irwin, of Columbus, Ind., offers the prizes.

None but preparatory students who show interest and

ability in elocution may enter this contest. Those who wish to compete are required to make known their intention to Miss Gilbert, and to hand her their selections not later than the second week of the third term. Miss Gilbert gives special instruction to all contestants who wish help. Judges are chosen by the Faculty. This contest has proved a great benefit to those who take part, and of much interest to all. In 1895 the first prize was awarded to Miss Bessie Maxon Banning, Irvington ; the second, to James Henry Stevens, Bet Bet, Victoria, Australia ; the third, to Miss Bess Virginia Campbell, Irvington.

CLASSES.

FIRST YEAR.

1. ENGLISH: (a) In analysis, the text-book is *Reed & Kellogg's Higher Lessons in English*. It is usually found necessary to review first the verb paradigms.
(b) In American literature, selections are studied from Hawthorne, Irving, Homes, Longfellow, and Whittier. When entering the Preparatory School, students usually have read very little standard literature. This course seeks not only to make them acquainted with some of the best American authors, but also to quicken their appreciation of what is really good, and to secure to them correctness in their own writing. In connection with this work the class writes short compositions. Analysis twice a week. Literature three times a week. *Tu., 8; Wed., Th., Fri., Sat., 9.*
2. LATIN: *Lowe & Ewing's Bellum Helveticum* is used. Cæsar is studied from the first. Paradigms are committed as rapidly as possible and exercises in inflection are kept up through the entire year. Idioms are not brought forward until examples are met with in the author. Portions of the text are committed to memory almost daily and these furnish a basis for oral and written translation from English into Latin. Reviews are frequent and thorough. This year the class completed twenty-eight chapters of the first book of Cæsar. *Tu., Wed., Th., Fri., Sat., 10.*
3. HISTORY: *Myers' General History* is used as text-book. Students are referred to the library for more complete accounts of important topics. First two terms. *Tu., Wed., Th., Fri., Sat., 11.*
4. CIVIL GOVERNMENT: With the help of the text-book the constitution of the United States is studied. Portions are

committed to memory. Third term. *Tu., Wed., Th., Fri., Sat., 11.*

5. PHYSICAL CULTURE: (a) Boys: Carefully arranged exercises throughout the year, selected from the following: Swedish movements, low horizontal bar, wand drill, floor work, gymnastic games, buck, parallel bars, walking, running, fancy marching.

Practical talks throughout the year on physiological subjects, etc. Elementary floor work includes all jumps with turns and scissor-movements. Intermediate floor work includes rolls, dives and combinations of similar character. *Tu., 9; Fri., 8.*

(b) Girls: Military and fancy marching, free gymnastics, wands and dumb-bells. Exercises from the Emerson and the Swedish systems are also used. *Tu., 9; Fri., 8.*

6. MILITARY DRILL: Members of the preparatory department, not taking the gymnasium work, as outlined above, are required to enter the cadet corps for military drill. This exercise is conducted according to the Infantry Drill Regulations of the United States Army. Arms and accoutrements are supplied by the State. *Wed., Fri., 4.*

SECOND YEAR.

1. ENGLISH: (a) Rhetoric. Text-book, Williams'. This is continued throughout the year, and completed as far as *versification*.

(b) Literature. In the first term, Lowell and other American authors. This completes the course of four terms in American literature. The three succeeding terms are given to English literature. In the second term the class studies some of Scott's poems and one of his novels, and in the third term, one of Shakespeare's plays. The composition work consists of one long essay each term, together with many short written exercises, all of which are usually based on the works being studied. *Tu., 2; Th., Fri., 8.*

(c) Elocution: Special attention is given to correct respiration, articulation, and voice culture. Class analyses,

selections from prose and poetry. Each student is required to give a declamation each term, and to receive criticism. *Shoemaker's Practical Elocution* is used as text-book. *Sat.*, 8.

2. **LATIN:** In the first and second terms the class reads four books of Cæsar, and in the third term three orations of Cicero against Catiline. There is daily exercise in prose composition, either oral or written. In recitation the class usually translates, first, the advance lesson, and then as review the lesson of the previous day. On this review is based the composition work. This method secures the student's careful attention to the text, not alone with reference to translation, but also with regard to the Latin construction and order of words. *Wed.*, *Th.*, *Fri.*, *Sat.*, 10.

3. **GREEK.** *White's Beginner's Greek Book.* This book contains grammar, vocabularies, composition and Greek sentences for translation. It has also the text of the first eight chapters of Xenophon's *Anabasis*, so that it is quite sufficient for the first year's work.

"In order to be able to read even simple Attic prose at sight one must know the usual forms of the Greek language, its ordinary constructions and its general vocabulary. These three things are absolutely necessary."

Recitations are both oral and written. Students have daily practice in translating from Greek into English as well as from English into Greek. Most words used are found in Xenophon's *Anabasis*. *Wed.*, *Th.*, *Fri.*, *Sat.*, 9.

Or

GERMAN: Joynes-Meissner's *Grammar* is used as a text-book. Either Joynes' or Whitney's *Reader* is taken up as soon as the class is far enough advanced to begin reading. In this year it is intended to ground the student well in the principles of German Grammar, to teach him to acquire a vocabulary and to construct sentences easily and naturally. *Tu.*, *Wed.*, *Fri.*, *Sat.*, 9.

4. **MATHEMATICS:** *Wentworth's Complete Algebra* is taken up in the first term and continued through the year. Class completes the work as far as *Quadratic Equations*, page 196. *Tu.*, *Wed.*, *Th.*, *Sat.*, 11.

5. PHYSICAL CULTURE (Boys): Work in the gymnasium throughout the year, as follows: Swedish movements (advanced), dumb-bell drill (elementary and intermediate), parallel bars, horse, floor work, basket ball, indoor athletics, heavy wand drill, high horizontal bar (elementary).

Each day's exercises to begin with a short, sharp run of from three to five minutes. Heavy wand drill includes bayonet practice. *Tu., 10; Sat., 11.*

6. MILITARY DRILL. See p. 101, under First Preparatory.

THIRD YEAR.

1. ENGLISH: (a) *Williams' Rhetoric* completed in the first term, beginning with *versification*. *First half year. Tu., 11.*

(b) English Literature. In the first term the class studies the *Idylls of the King* and other poems. These are made the basis of the composition work. *First half year. Th., 10.*

(c) Greek Mythology. In the second half of the year the class studies Greek, Roman and Norse Mythology, using as text-book *Gayley's Classic Myths in English Literature*. Class is required to learn the story of the *Iliad*, the *Odyssey*, and the *Æneid*. References are made to the works on mythology in the College library. It is the purpose to awaken the student's interest in Mythology, and to give him an intelligent conception of its main ideas. It is planned with reference to the English work of the following years. *Second half year. Tu., 11; Th., 10.*

(d) Elocution. Continuation of the work of the Second Preparatory. *Th., 11.*

2. LATIN: Three orations of Cicero are read the first term and five books of Virgil the second and third terms.

In composition the class uses Allen's Introduction to Latin composition. *Tu., Wed., Sat., 8; Fri., 11.*

3. GREEK: Two books of *Xenophon's Anabasis*, are read in the first and second terms and *Xenophon's Symposium* in the third term. Composition every day. *Wed., Th., Fri., Sat., 9.*

Or

GERMAN: (a) The class reads such easy prose as that of Riehl, Hauff and Heyse. The learning of the vocabularies is espec-

ially emphasized. Training in word analysis is begun and attention directed to the affixes and their functions. *Reading 2 hours a week.*

(b) Composition—Harris. In addition to this there are exercises in composition based upon the texts read. *Composition 2 hours a week. Tu., Wed., 10; Th., 9; Fri., 10.*

4. MATHEMATICS: (a) *Wentworth's Complete Algebra* as far as Binomial Theorem, p. 316. First term. *Fri., 8; Sat., 11.*

(b) *Wentworth's Plane Geometry.* *Fri., 8; Sat., 11*, during the second and third terms.

5. SCIENCE: (a) Physics—*Gage's Elements* during the first half-year. Class recites three times a week during the first term and four times during the first half of second term.

(b) Botany. Text-book is *Spaulding's Introduction to Botany*. Each member of the class is required to analyze and mount forty specimens of plants native to this vicinity. Second half-year. *W., 11; Th., Fri., 2.*

6. PHYSICAL CULTURE (Boys): Gymnasium work throughout the year as follows: Dumb-bell drill (advanced), low horizontal bar (advanced), wrestling (elementary), Indian clubs (intermediate), high horizontal bar (elementary), posture and relaxation drills, floor work, basket ball, long horse, ladders (elementary and intermediate).

Practical talks each day. *Th., 8; Sat., 10.*

7. MILITARY DRILL: See p. 101, under First Preparatory.

	First Preparatory.					Second Preparatory.					Third Preparatory.				
	Tu.	W.	Th.	Fr.	S.	Tu.	W.	Th.	Fr.	S.	Tu.	W.	Th.	Fr.	S.
Algebra .....	...	...	...	...	...	11	11	11	...	11	...	...	...	8	11
Botany .....	...	...	...	...	...	...	...	...	...	...	...	(11)	(2)	(2)	...
Civil Government.....	(11)	(11)	(11)	(11)	(11)	...	...	...	...	...	...	...	...	...	...
Elocution.....	...	...	...	...	...	...	...	...	...	8	...	...	11	...	...
English.....	8	9	9	9	9	2	...	8	8	...	11	...	10	...	...
Geometry .....	...	...	...	...	...	...	...	...	...	...	...	...	...	(8)	(11)
German.....	...	...	...	...	...	9	9	...	9	9	10	10	9	10	...
Greek.....	...	...	...	...	...	...	9	9	9	9	...	9	9	9	9
History.....	11	11	11	11	11	...	...	...	...	...	...	...	...	...	...
Latin.....	10	10	10	10	10	...	10	10	10	10	8	8	...	11	8
Military Drill.....	...	4	...	4	...	...	4	...	4	...	...	4	...	4	...
Physics.....	...	...	...	...	...	...	...	...	...	...	...	11	2	2	...
Physical Culture.....	9	...	...	8	...	10	...	...	11	...	...	...	8	...	10

CATALOGUE OF STUDENTS.

DEGREES CONFERRED, 1894.

Doctor of Philosophy.

BENJAMIN FRANKLIN DAILEY, A. M.

Master of Philosophy.

JOHN FRANCIS STONE, PH. B.

Master of Arts.

FRANCES MELVILLE PERRY, A. B.

Bachelor of Arts.

CHARLES ELSWORTH BAKER.	JOHN WILBERT BARNETT.
EDWIN WALLACE BRICKERT.	GEORGE GREEN BRUER.
ROSE ELLIOTT.	MARY BEMIS GALVIN.
CLARA MAE GOE.	GEORGE ELMER HICKS.
EMMA CLAIRE JOHNSON.	ISABEL AURELIA MOORE.
ORA MAY MURRAY.	CHARLES ALBERT RILEY.
CHARLES AUGUSTUS STEVENS.	ANNA CHARLOTTE STOVER.
EDITH DAISY SURBEY.	MYRTLE VANSICKLE.

GRADUATE STUDENTS.

ARNOLD, MARY EDNA, (A. B., University of Illinois),	Souders, Ill.
BARNETT, JOHN WILBERT, A. B.	Onberg, Pa.
BRUER, GEORGE GREEN, A. B.	Indianapolis.
CLARKE, WILLIAM FRANKLIN, A. B.	Mt. Auburn.
HALL, ROBERT, A. M.	Irvington.
HICKS, GEORGE ELMER, A. B.	Irvington.
RILEY, CHARLES ALBERT, A. B.	Irvington.
SMITH, JAMES CHALLENGE, A. B.	Irvington.
STEVENS, CHARLES AUGUSTUS, A. B.	Irvington.
STOVER, ANNA CHARLOTTE, A. B.	Ladoga.

SENIORS.

BRAYTON, MAY.....	Indianapolis.
BRAYTON, NELSON DEWEY.....	Indianapolis.
BREVOORT, HARRIET NELL	Columbus.
BROWN, EDWARD AUGUSTUS.....	Wanamaker.
FORSYTH, EDGAR THOMAS.....	Trafalgar.
GALVIN, GEORGIA NOBLE	Irvington.
GOODYKOONTZ, EVA LOU	Irvington.
GREEN, DORA.....	Plainfield.
HADLEY, LORA COLLINS.....	Indianapolis.
HENDERSON, HARRY LEONARD.....	Irvington.
HOKE, GEORGE WILSON	Wabash.
JOHNSON, ARTHUR ALBERT.....	Irvington.
LEPPER, MARY LOUISA.....	Kendallville.
MACE, LAURA.....	Blocher.
MACNEAL, ROSE.....	Romona.
NEGLEY, BERTHA.....	Irvington.
REEVES, GRACE MAY.....	Columbus.
RUPP, LAURA EVELYN.....	Indianapolis.
TAYLOR, CHARLES BURR.....	Indianapolis, Iowa.

JUNIORS.

BARNHILL, RETTA VALERIA.....	Irvington.
BRADY, CLARENCE ABRAM.....	Beech Creek, Pa.
BUTLER, JOHN SCOT.....	Irvington.
CARPENTER, ARTHUR BLISS.....	Wabash.
CLARK, EDWARD WILLIAM.....	Indianapolis.
CLYMER, ROBERT WOODWARD.....	Lock Haven, Pa.
CULBERTSON, CHARLES WINGATE.....	Brazil.
DAVIS, JOHN QUINCY.....	North Salem.
FLETCHER, MARY COBURN.....	Indianapolis.
HOBSON, FRANKLIN DRAKE.....	Indianapolis.
JEFFRIES, PEARL.....	Irvington.
LUCAS, JAMES ATWELL.....	Frankfort.
LUDLOW, EARL THAYER.....	Irvington.
MOORE, KATHERINE.....	Irvington.
PAYNE, WILLIAM ELMER.....	Mt. Auburn.

PHILLIPS, WILLIAM EUGARDE	Boston, Mass.
THOMPSON, ETTA.....	Muncie.
THORMYER, AGNES.....	Irvington.
WRIGHT, GEORGE GOULD.....	Monroe, Wis.
YOKE, CHARLES RICHARD	Indianapolis.

SOPHOMORES.

ALEXANDER, LENORA MAY.....	Rushville.
BARKER, ORNAN EASTMAN.....	Danville.
BARKER, THOMAS RILUS.....	Danville.
BLOUNT, WILLIS MARVIN	Irvington.
BREVOORT, LULU BELLE.....	Columbus.
BROWN, FRANK THURMAN.....	Wanamaker.
BURKHARDT, JAMES CALVIN.....	Irvington.
BYRAM, PERRY M.....	Irvington.
CHRISTIAN, JESSE LANIER.....	Indianapolis.
CORE, WILLIAM FIFIELD.....	Indianapolis.
CURRYER, ETHEL ROUS	Indianapolis.
EATON, MYRON CLINTON.....	Irvington.
FARTHING, OMAR ALEXANDER	Clarksburg.
FOSTER, ROBERT SANFORD.....	Indianapolis.
FREEMAN, BENJAMIN FRANKLIN.....	New Palestine.
GING, VIRGIL BYRON.....	Irvington.
GOE, EDWIN HERBERT.....	Irvington.
GRAHAM, ERRETT McLEOD.....	Irvington.
HOWE, CARRIE REBECCA.....	Irvington.
HUDSON, CHARLES ROLLIN.....	Paris Crossing.
KNEPPER, GEORGE WASHINGTON.....	Somerset, Pa.
LISTER, JOHN THOMAS.....	Brookston.
McCOLLUM, ANNIE MERCER.....	Indianapolis.
McGAUGHEY, SAMUEL.....	Irvington,
MATHEWS, JAMES CORYDON.....	Indianapolis.
MAXWELL, HOWARD HODGES.....	Martinsville.
POPPY, DOROTHY BELLE.....	Kendallville.
ROBERTS, ALONZO SWAIN.....	Irvington.
SHIMER, JAMES TILDEN.....	Irvington.
SHIPP, THOMAS ROERTY.....	Irvington.
SHRADER, IRA BURNS.....	Jeffersonville.

STRADLING, EMMA.	Indianapolis.
SWEENEY, NETTIE.	Columbus.
THOMPSON, BONA.	Irvington.
TIBBOTT, MABEL.	Irvington.
VAIL, HELEN CHAPIN.	Indianapolis.
VINTON, STALLO.	Indianapolis.
WILLIAMS, PERCY BARTON.	Irvington.

*FRESHMEN.

BAGGERLY, DWIGHT WESLEY.	Indianapolis.
BERGEN, GUY LAWRENCE.	Vinton, Iowa.
LASHLEY, DANIEL VOORHEES.	Centreville.
MCCOLLUM, GERTRUDE.	Indianapolis.
MCGROARTY, CHARLES JOSEPH.	Indianapolis.
OLIVE, FRANK CLIFT.	Indianapolis.
RIOCH, DAVID.	Irvington.
ROBERTS, EZRA CLAYTON.	Kokomo.
SEELY, MAYBELLE ANNETTE.	Marshall.
WALLACE, EDNA EMMA.	Indianapolis.
WALTON, SHIRLEY STANTON.	Atlanta.
WEAVER, JOHN SAWIN.	Olio.
WILLS, CHARLES MASSEY.	Greenfield.

UNCLASSIFIED.

ACTON, GLENN.	Clayton.
BALES, BERTON BURK.	Indianapolis.
BARNHILL, LENORE HAZEL.	Crawfordsville.
BASS, CHARLES HERBERT.	Indianapolis.
CLARKE, ARMSTRONG BRANDON.	Vincennes.
CULLOM, GEORGE CHARLES.	Indianapolis.
ENSMINGER, GUY.	Danville.
FLETCHER, FANNY BENCE.	Indianapolis.
GIFFORD, ALBERT MILTON.	Elwood.
HALL, ALBERT.	Indianapolis.

* The small size of this year's Freshman class is due to a change in the courses of study, a third year having been introduced into the preparatory department.

HOLLETT, JOHN EVERETT.....	Indianapolis.
KELLAR, LILLIAN R.....	Indianapolis.
KINGSBURY, CHARLES GOODWIN.....	Irvington.
LUCAS, KATHERINE.....	Frankfort.
MARTIN, PAUL.....	Indianapolis.
MORRIS, JOSEPH FRANKLIN.....	Irvington.
NEERMAN, OTTO.....	Indianapolis.
OSBORNE, CARL COLFAX.....	Irvington.
OWINGS, NATHANIEL.....	Indianapolis.
PARKER, EDWARD EVERETT.....	Maxinkuckee.
PARKS, GUSSIE STRAWN.....	Martinsville.
PHARES, OLLA INEZ.....	Oxford.
RECKER, CARLOS.....	Indianapolis.
RIGGS, BARTON ZADOC.....	Salem, Ore.
ROBINSON, FREDERICK PADDOCK.....	Irvington.
ROGERS, HANFORD NEWELL.....	Indianapolis.
SHERFY, JAMES FRANKLIN.....	Irvington.
SIDENER, MERLE.....	Indianapolis.
TIBBOTT, JOHN LLOYD.....	Irvington.
WILLIAMS, LULU LILLIAN.....	Whiteland.
WILSON, HERMAN TREADWAY.....	Santiago, Cuba.

THIRD PREPARATORY.

CAMPBELL, BESS VIRGINIA.....	Irvington.
CAYLOR, IDA CATHARINE.....	Irvington.
CHASE, FRANK ERRETT.....	Irvington.
CURRY, KATHERINE.....	Edwardsport.
GRAHAM, ERNEST BURGESS.....	Irvington.
GRUBB, STANLEY.....	Irvington.
HIGGINS, OTIS CENTENNIAL.....	Lebanon.
KINCAID, HATTIE.....	Irvington.
KOEPPER, HENRY CHRISTIAN FRED.....	Indianapolis.
LITTLE, BERTHA MAY.....	Irvington.
LOOP, AUBRY LEATON.....	Orth.
MOORMAN, ELVET EUGENE.....	Paoli.
ROBERTS, ETHEL BOOR.....	Irvington.
SMITH, JOHN LEE.....	Waynesville, O.
STEVENSON, BEN SILAS.....	Irvington.

VAN VLECK, DAISY MAY.....	Wagar, Ala.
WARD, STELLA HAILE.....	Indianapolis.
WILLIAMS, ANNA HOLTON.....	Wabash.
WILSON, WILMER.....	Irvington.

SECOND PREPARATORY.

ADAMS, CLAUDE VIELEY.....	Danville.
ADAMS, WILLIAM HARRISON.....	Wanamaker.
BANNING, BESSIE MAXON.....	Irvington.
BARLOW, JOHN WOODBURY.....	Mt. Auburn.
BEERMAN, WILLIAM HENRY.....	Indianapolis.
BERG, HERBERT NEWTON.....	Irvington.
BEVILLE, HENRY MONTREAL.....	Indianapolis.
BLACK, DREW.....	Indianapolis.
BLOUNT, EFFIE PATTERSON.....	Irvington.
BROUSE, HELEN THORPE.....	Irvington.
BROUSE, JULIA THORPE.....	Irvington.
BUTLER, ELIZABETH ANNE.....	Irvington.
CARVER, JAMES EDWIN.....	Irvington.
CLARK, HARRY HARTMAN.....	South Lyon, Mich.
CLARKE, WILLIAM WALTER.....	Mt. Auburn.
CUNNINGHAM, SAMUEL.....	Irvington.
EDGEWORTH, ANNA.....	Irvington.
GRAHAM, MARY CHARLOTTE.....	Irvington.
GRIGGS, NELLIE MAY.....	Irvington.
HALL, CARRIE ELIZABETH.....	Laughlinstown, Pa.
KITZMUELLER, ELIZABETH.....	Indianapolis.
LITTLE, CARL FRANCIS.....	Connersville.
LONG, HENRY WEBSTER.....	Indianapolis.
LOOP, CARL RAYMOND.....	New Ross.
LOOP, MARION.....	Mace.
LUCAS, EDWARD MILTON.....	Kokomo.
LUCAS, MAX JUDAH.....	Indianapolis.
MALEY, CLAUD.....	Edinburg.
MILLER, CHESTER COLDWELL.....	Clermont.
MOORE, ANNA.....	Irvington.
NULL, MARION MICHAEL.....	Blandinsville, Ill.
PACE, HENRY.....	Indianapolis.

PARKER, LULU.....	Ocoee, Fla.
READING, RUSS RUDOLPH.....	Irvington.
RECORDS, LEVI NIEBEL JAMES.....	Edinburg.
SMITH, SOPHIA ADELAIDE.....	Fountaintown.
SMITH, SILAS MAYNARD.....	Veedersburg.
SMITH, WALTER EDGAR.....	Irvington.
SNYDER, IDA CHARLOTTE.....	Arcola, Ill.
STEVENS, JAMES HENRY.....	Bet Bet, Victoria, Australia.
TOWLES, FRED.....	Irvington.
VOLIVA, WILBUR GLENN.....	Newtown.
WARD, ALBERT LUTHER.....	Irvington.
WATTS, SHELLY DIGGS.....	Winchester.

FIRST PREPARATORY.

ALDRICH, MINNIE SUSAN.....	Waverly.
BLACK, ROBERT LEE.....	Indianapolis.
BOSART, OSCAR MURRAY.....	Indianapolis.
BUCHANAN, MERCY.....	Indianapolis.
CALE, DAVID HINES.....	Indianapolis.
CONNER, HARRY.....	Irvington.
CONNER, PEARL DAMIE.....	Irvington.
CUNNINGHAM, JOHN MILTON.....	Irvington.
CUNNINGHAM, LIZZIE MAY.....	Irvington.
HULETT, BERT.....	Armeda, Mich.
LESLEY, ROYDEN VALENTINE.....	Irvington.
LEWIS, ROSS.....	Markleville.
MACE, ALMON GALITON.....	Blocher.
MINTER, HARRY.....	Indianapolis.
MONTGOMERY, GEORGE NEWTON.....	Indianapolis.
PINK, JULIUS.....	Indianapolis.
STAUBS, EVA LENA.....	Irvington.
STUTSON, HALLIE GRAHAM.....	Indianapolis.
THOMAS, KATHERINE.....	Irvington.
TREMBLY, CLARA ALBERTA.....	Indianapolis.
WAGAR, ZELLA.....	Indianapolis.

SUMMARY OF STUDENTS.

Graduate Students.....	10
Seniors	19
Juniors	20
Sophomores.....	38
Freshmen.....	13
Unclassified	31
Third Preparatory.....	19
Second Preparatory.....	44
First Preparatory.....	21
Total.....	<hr/> 215

BUTLER ALUMNI ASSOCIATION.

President—WM. F. ELLIOTT, '80, Indianapolis.

Vice-President—VINCENT CLIFFORD, '79, Indianapolis.

Secretary—Jane Graydon, '87, 288 Central Ave., Indianapolis.

Treasurer—D. C. BROWN, '79, Irvington.

If any friend finds errors in the entry of name, occupation or address of any alumnus as given below he will confer a favor by reporting the correct information to the President or Secretary of the Association.

CLASS OF 1856.

PHILIP BURNS, A. B., Minister (Died Oct. 16, 1857). Port Sarnia, Can.

NANCY E. BURNS, M. S. (Mrs. A. M. Atkinson)... Wabash.

JOHN KIMMONS, A. M., Minister Missouri.

CLASS OF 1857.

T. C. ELLIOTT, B. S. Iowa.

W. G. HASTINGS, B. S. Missouri.

CLASS OF 1858.

CYRUS NERVA BLOUNT, A. M. (M. D., Jefferson

Medical College), (Died Dec. 28, 1887), Physician Kokomo.

ORA KNOWLTON, B. S., Farmer New Brunswick.

W. S. MAJOR, A. M., Editor Fort Wayne.

JESSE WALDEN, A. M. Minister Lancaster, Ky.

CLASS OF 1859.

OVID D. BUTLER, A. M., Lawyer, 768 N. Penn. St., Indianapolis.

ELI V. BLOUNT, A. B., Lawyer (Died Oct. 29, 1859). Tipton.

BARZILLAI M. BLOUNT, A. M., Minister Irvington.

I. N. BINFORD, B. S., Lawyer (Died March 10, 1890).....	Indianapolis.
AARON D. GOODWIN, A. M., Teacher (Died 1892).	Salina, Kansas.
PERRY HALL, A. M., Minister (Died in service as Chaplain, Oct. 27, 1862).....	Indianapolis.
JACOB T. LOCKHART, A. M.....	Spokane, Wash.
ESTEL R. MOFFET, B. S., Lawyer	Rushville.
A. M. MOTHERSHEAD, B. S.....	_____
LEVI HANSON, A. M., Teacher	Missouri.

CLASS OF 1860.

JOHN P. AVERY, B. S., M. D., 449 N. East St	Indianapolis.
GEORGE CARTER, B. S., Lawyer, 72 W. Second St.	Indianapolis.
JOHN A. CAMPBELL, A. M., M. D.....	Steamboat Springs, Colo.
FRIEND C. GOODWIN, A. B., Teacher (Died April 16, 1861).....	Indianapolis.
ANDREW M. GOODBAR, B. S., Lawyer (Deceased).	Greencastle.
ROSS GUFFIN, A. M. (LL. B., Harvard, '61), Lawyer.....	Kansas City, Mo.
THOMAS R. LAWHEAD, B. S., Lawyer	_____
WILLIAM W. LEATHERS, A. M., Lawyer (Died in 1875).....	Indianapolis.
WILLIAM NIMON PICKERILL, A. M., Lawyer, 348 Ash St.....	Indianapolis.
ISAAC N. PORCH, A. M., Minister (Died in 1885)..	Bloomington.
IRVIN ROBBINS, A. M., Manufacturer, 12 W. North St.....	Indianapolis.
JOHN M. SNODDY, A. M., M. D., Physician (Died September 20, 1890).....	Mooreville.
LYDIA E. SHORT, M. S. (Mrs. James Braden)....	Irvington.
ABRAM D. WILLIAMS, A. M., M. D., Oculist and Aurist, 1407 Olive St.....	St. Louis, Mo.

CLASS OF 1861.

W. W. DAUGHERTY, B. S., Captain (Retired)	
U. S. A.....	Los Angeles, Cal.
CHARLES F. LOCKWOOD, A. M., Merchant, 211-3 Wabash Ave.....	Chicago.

P. J. SQUIER, A. B. (Killed at Shiloh, April 6, 1862) Hall's Corners.
 GEO. W. SPAHR, B. S., Lawyer, 346 Ash St. Indianapolis.

CLASS OF 1862.

WILLIAM H. BREVOORT, A. M., Farmer Vincennes.
 MICHAEL R. BUTTZ, A. M., Lawyer (Deceased) . . . Liberty, Ill.
 JAMES A. BRUCE, B. S., Florist and Capitalist
 (Died December 13, 1893) Indianapolis.
 AUSTIN F. DENNY, A. M. (LL. B. Harvard, 1868),
 847 N. Delaware St. Indianapolis.
 ADDISON C. HARRIS, B. S., LL. B., 744 N. Mer-
 ridian St. Indianapolis.
 ALVIN I. HOBBS, A. M., LL. D., Professor Theol-
 ogy Drake University (Died May, 1894) Des Moines, Iowa.
 JOHN T. JACKSON, A. M., Lawyer (Died 1866) Indianapolis.
 HENRY C. LONG, A. M., Lumber Merchant, 610
 N. Penn. St. Indianapolis.
 DEMIA BUTLER, A. M. (Mrs. Townley), (Died Oct.
 26, 1867) Indianapolis.
 C. ELIZA BROWN, M. S. (Mrs. W. H. Wiley) Terre Haute.

CLASS OF 1863.

H. C. GUFFIN, A. M., Lawyer, 21 Kentucky Ave. Indianapolis.

CLASS OF 1864.

WICKLIFFE A. COTTON, A. M., Lawyer De Witt, Iowa.
 ALEXANDER C. EASTER, A. M., Farmer Burlingame, Kan.
 JOHN B. EASTER, A. M., Minister (Died Dec. 12,
 1885) Kansas.
 DAVID M. HILLIS, A. M., Lawyer, 3341 Prairie Ave. Chicago, Ill.
 WILLIAM H. WILEY, A. M., Sup't Schools Terre Haute.

CLASS OF 1865.

EDWARD L. BREVOORT, A. M., Farmer (Died
 March 12, 1882) Walesborough.
 JOHN S. DUNCAN, B. S. (LL. B. Harvard, 1867),
 Lawyer, 672 N. Alabama St. Indianapolis.
 JAMES H. MCCOLLOUGH, A. M., Minister Irvington, Cal.

CLASS OF 1866.

- JACOB B. BLOUNT, A. M., Minister.....Raleigh.
 HENRY H. BLACK, A. M., Real Estate Agent.. Oklahoma City, O. T.
 HOWARD CALE, A. M. Lawyer, 526 Broadway... Indianapolis.
 ALFRED FAIRHURST, A. M., Professor Natural
 Sciences, Kentucky University, 351 N. Broad-
 way.....Lexington, Ky.
 KATHERINE E. COFFIN, M. S. (Mrs. Hadley)..Albuquerque, N.M.
 ALICE E. SECREST, M. S. (Mrs. G. W. Snyder),
 785 N. Delaware St.....Indianapolis.

CLASS OF 1867.

- ALBERT T. BECK, A. M., Lawyer (Died April 23,
 1894), 479 College Ave.....Indianapolis.
 FRANK C. CASSEL, B. S., Cashier of Bank.....Rossville.
 JOHN DENTON, A. M., Lawyer.....Zenas.
 JOHN H. LEWIS, B. S., Editor.....Anderson.
 BENJ. C. WRIGHT, B. S., Lawyer, 279 N. Dela-
 ware St.....Indianapolis.
 SAMUEL WINFIELD, B. S., Merchant.....Chanute, Kan.
 DAVID UTTER, B. S., Minister.....Salt Lake City, U.
 INDIANA CRAGO, M. S. (Mrs. A. C. Harris), 744
 N. Meridian St.....Indianapolis.

CLASS OF 1868.

- ALEX. C. AYERS, A. M., Lawyer, 31 Woodruff
 Place.....Indianapolis.
 SCOT BUTLER, A. M., President Butler College...Irvington.
 BARBARA P. BLOUNT, M. S. (Mrs. F. C. Cassel)...Rossville.
 ALCINDA T. BLOUNT, M. S. (Mrs. J. A. Canady)..Anderson.
 SAMUEL H. DUNLOP, A. M., New York City.....New York.
 JOS. W. MARSEE, A. M., M. D., Physician, 153 N.
 East St.....Indianapolis.
 MARY M. MOORE, M. S. (Mrs. McConnell).....Oxford.
 HARRY C. RAY, A. M., Auditor Shelby Co., 66 N.
 Harrison St.....Shelbyville.
 ANNA W. SCOVEL, M. S. (Mrs. Chauncy Butler),
 107 Woodruff Place (Died Dec. 3, 1894).....Indianapolis.

WALTER S. SMITH, M. S., Minister.....Arlington.
 EDWIN TAYLOR, A. M., General Counsel E. & T.
 H. R. R., E. & I. R. R., and L. E. & St. L.
 R. R.....Evansville.
 GRANVILLE S. WRIGHT, B. S., Lawyer, 275 N.
 Delaware St.....Indianapolis.

CLASS OF 1869.

CHAUNCY BUTLER, A. B., Manufacturer, 107
 Woodruff Place.....Indianapolis.
 THOMAS J. BYERS, A. M., Merchant.....Franklin.
 JOHN W. TUCKER, A. M., Lawyer.....Lynn, Kansas.
 LORENZO TUCKER, A. B., Minister (Deceased)...Wabash.
 HENRY JAMESON, B. S. (M. D., Ind. Med. Coll.),
 Physician, 228 N. Delaware StIndianapolis.
 JOHN MOORE, B. S., Lawyer, 229 N. Penn. St....Indianapolis.
 WINFIELD S. RAY, B. S., Editor.....Shelbyville.
 WILLIAM P. STANLEY, B. S. (LL. B. Indiana Uni-
 versity), Farmer.....Arlington.

CLASS OF 1870.

ALONZO G. ALCOTT, A. M. (Died Nov. 7, 1880)....St. Paul, Minn.
 AUSTIN COUNCIL, A. B., Minister (Died Mar. 11,
 1871).....Mankato, Minn.
 JOHN N. BOYS, B. S., Merchant (Deceased).....Steeles.
 JENNIE LAUGHLIN, A. B., Teacher and Mission-
 ary to Jamaica (Deceased)....Indianapolis.
 THOMAS WILSON LOCKHART, A. M., Lawyer.....Bakersfield, Cal.
 DANIEL BOONE WILLIAMS, A. M. (M. D., Miami
 Medical College, 1874), (Died Nov. 5, 1876)....Los Angeles, Cal.

CLASS OF 1871.

JAS. M. CULBERTSON, B. S., Farmer.....Malott Park.
 JOHN H. HAMILTON, B. S., Minister (Died in 1873)..New Philadelphia.
 BENJAMIN F. KINNICK, A. M., Farmer.....Greenwood.
 OSCAR F. LANE, A. M., Minister.....Bainbridge.
 EDWIN T. LANE, A. M., Minister.....Lebanon.
 JAMES W. LOWBER, A. M. (Ph. D., Sc. D., LL. D.),
 707 W. 7th St.....Galveston, Tex.

JAMES W. MONROE, A. M., Minister.....Modesto, Cal.
 ROBERT H. MYERS, A. M., Carpenter, 100 Green-
 wood St.....Indianapolis.
 JOHN A. ROBERTS, B. S., Minister.....Irvington.
 DANIEL L. THOMAS, A. M. (LL. B., Central Law
 School), Editor (Died October 29, 1893).Rushville.
 JOHN Q. THOMAS, A. M. (LL. B., Central Law
 School), Lawyer.....Rushville.
 J. LAKE THORNTON, Business Manager *Sedalia*
Gazette.....Sedalia, Mo.
 SAMUEL E. YOUNG, A. B., Lawyer.....Cleveland, O.

CLASS OF 1872.

WALTER RALEIGH COUCH, A. B., MinisterFriendville, Ill.
 WALTER S. CAMPBELL, B. S., Minister.....Rushville.
 NATHAN WARD FITZGERALD, A. B., Lawyer and
 Lecturer, 610 13th St., N. W.Washington, D. C.
 GEORGE HENRY GIFFORD, A. B., Lawyer.....Tipton.
 WILLIAM IRELAN, A. B., Minister.....Eureka Sp'gs, Ark.
 CLEMENTINE IRELAN, A. B.Eureka Sp'gs, Ark.
 WILLARD R. LOWE, A. M., Minister, 1516 North St. Logansport.
 LEANDER P. MITCHELL, B. S. (LL. B., Indiana
 University), Lawyer.....New Castle.
 WILLIAM H. TILLER, A. B., Minister.....Sparta, Ky.
 CURTIS H. REMY, A. B., Lawyer, 215 Dearborn St.. Chicago, Ill.

CLASS OF 1873.

WALTER B. FERTIG, A. B., Lawyer.....Noblesville.
 JAMES I. HOPKINS, A. B., Minister.....Bryan, Texas.
 LOUIS NEWBERGER, A. B., Lawyer, 148 N. Ill. St....Indianapolis.
 ALLEN B. THRASHER, A. M. (M. D., Medical Col-
 lege Ohio), Physician, 157 W. 9th St.....Cincinnati, O.
 WALTER S. TINGLEY, A. M. (M. D. Medical Col-
 lege Indiana), Physician, 10 W. 5th St.....Newport, Ky.

CLASS OF 1874.

JEFFREY O. CUTTS, A. B., Minister.....Riverside, Cal.
 THOMAS SMITH GRAVES, A. B., Live Stock Broker,
 317 N. New Jersey St.....Indianapolis.

EMMETT S. STILLWELL, A.B., Lawyer (Died May 23,
1883).....Shelbyville.

CLASS OF 1875.

SAMUEL J. TOMLINSON, A. B., Minister.....Irvington.
HENRY C. OWENS, B. S.....
WILLIAM T. SELLERS, B. S., (Agt. Christian Pub.
Co., St. Louis), Virginia Ave.....Indianapolis.

CLASS OF 1876.

ROBERT SILAS BLOUNT, A. M., Minister (Died Oct.
28, 1883).....Irvington.
CHARLES H. CATON, A. B., Congregational Minis-
ter, Englewood.....Chicago, Ill.
NANNIE T. CUNNINGHAM, B. S. (Died Sept., 1876)..Indianapolis.
MELLIE B. INGELS, A. B. (Mrs. John Julian).....Irvington.
ALONZO MARION LYSTER, A. B., Teacher (Died
Sept. 26, 1876).....Thorntown.
WINFIELD SCOTT MOFFETT, A. B., Lawyer, 507 W.
Main St.....Crawfordsville.
JOHN REA WOODWARD, A. M. (LL. B. Univ. of
Virginia, 1878), Lawyer (Died June 15, 1879)...New Castle.

CLASS OF 1877.

JOHN T. BURTON, M. S., Real Estate, Loan and
Insurance Agent.....Emporia, Kan.
WILLARD W. HUBBARD, B. S., Coal Dealer, 309 N.
New Jersey St.....Indianapolis.
HICKLIN J. LANDERS, B. S., Lumber Merchant,
379 N. Penn. St.....Indianapolis.
WILLIAM T. MASON, A. B., Farmer.....Mattoon, Ill.
LAFAYETTE H. REYNOLDS, A. M. (LL. B., Central
Law School, 1880), Lawyer (Died Oct., 1891)..Greenfield.
LEWIS WALLACE, A. B., Lawyer.....Indianapolis.

CLASS OF 1878.

ERNEST R. COPELAND, B. S., Physician.....Milwaukee, Wis.
KATHERINE M. GRAYDON, A. M., Teacher, High
School.....Berkeley, Cal.

- OLIVER ROMEO JOHNSON, Ph. B., Journalist, Deni-
son HouseIndianapolis.
ALBERT BAYARD KIRKPATRICK, B. S. (LL. B.,
Central Law School, 1880), Lawyer.....Kokomo.
BIZANNA O'CONNOR, A. B.....Emmitsburg, Md.
CHARLES D. THORNTON, A. B., Pres. Indiana So-
ciety for Savings, 92½ E. Market St.....Indianapolis.

CLASS OF 1879.

- ALBERT F. ARMSTRONG, A. M., Teacher, North-
western Christian College.....Excelsior, Minn.
ALEMBERT W. BRAYTON, M. S., M. D., Physician,
615 Broadway.....Indianapolis.
DEMARCHUS C. BROWN, A. M., Greek Chair, But-
ler College.....Irvington.
JOSEPH A. BROWN, A. B., Lawyer.....Pontiac, Ill.
MILES L. CLIFFORD, A. B., LL. B., Lawyer.....Tacoma, Wash.
VINCENT G. CLIFFORD, Ph. B., LL. B., Lawyer, 347
N. Illinois St.....Indianapolis.
CHARLES H. GILBERT, M. S., Ph. D., Professor
Leland Stanford, Jr., University.....Palo Alto, Cal.
CLARINDA C. HARRIMAN, A. B. (Mrs. L. A. Pier). Willows, Cal.
M. BELLE HOPKINS, A. B. (Mrs. P. O. Updegraff). Irvington.
JOSEPH B. KEALING, Ph. B., Lawyer, Brandon
Block.....Indianapolis.
EUGENE G. KREIDER, A. B., LL. B., Lawyer.....Tacoma, Wash.
EDMUND G. LAUGHLIN, A. B., Pastor Miles Ave.
Church.....Cleveland, Ohio.
ALBERT B. LEWIS, A. M. (M. D., Indiana Medical
College), Physician.....Hamilton, Kan.
WILLIAM J. LHAMON, A. M., Pastor Cecil Street
Church.....Toronto, Ontario.
NEAL S. MCCALLUM, A. M., Minister.....Irvington.
JANET D. MOORES, A. B., N. Penn. St.....Indianapolis.
JOSEPHUS PEASELEY, A. B., Supt. Public Schools. Iowa Falls, Iowa.
HORACE E. SMITH, A. M. (LL. B. Harvard), Law-
yer, 578 N. Penn. St.....Indianapolis.
JAMES A. YOUNG, A. M., Manager New York Life
Insurance Company, 26 and 29 Bee Building. Toledo, O.

CLASS OF 1880.

- WILLIAM ALEXANDER BLACK, Ph. B., Attorney
and Broker.....Wellington, Kan.
- CLARENCE BOYLE, B. S., Lumber Merchant.....Chicago, Ill.
- HILTON ULTIMUS BROWN, A. M., City Editor
Indianapolis News.....Irvington.
- MARY IDA BUNKER, A. B., Principal of High
School.....Mechanicsburg, O.
- JAMES B. CURTIS, A. M., Lawyer, Commercial Blk. Indianapolis.
- WILLIAM F. ELLIOTT, A. B., Lawyer, 837 N.
Meridian St.....Indianapolis.
- FLORA FRAZIER, Ph. B. (Mrs. P. M. Dill), 281
Bellefontaine St.....Indianapolis.
- THOMAS W. GRAFTON, A. M., Minister.....Sterling, Ill.
- LETITIA B. LAUGHLIN, B. S., M. D., Physician, 54
High St.....Warren, O.
- EMMA C. SWAIN, Ph. B. (Mrs. Dwyer).....Indianapolis.
- MINNIE TRESSLAR, Ph. M., Teacher in High
School, 1023 West Fourth St.....Marion.
- WALTER O. WILLIAMS, Ph. B. (with E. C. Atkins
& Co.), 68 Talbott Ave.....Indianapolis.

CLASS OF 1881.

- LEVI P. AYRES, B. S., Farmer, Michigan Ave...Indianapolis.
- MARY E. COUSE, B. S. (Mrs. O. P. Gould), (Died
1892).....Winona, Minn.
- EDWARD W. DARST, A. B., Minister...290 Oakley Ave., Chicago, Ill.
- WALTER M. FLOYD, A. B., (LL. B. Central Law
School, 1882), Lawyer (Died August 26, 1882). St. Paul.
- W. HENRY GROVE, Ph. B., Lawyer.....Glasgow, Ky.
- LORA C. HOSS, A. B., Merchant.....Kokomo.
- COLIN E. KING, A. B., Lawyer.....New York City.
- SOLOMON METZLER, A. M., Teacher and Minister. Wauseon, O.
- LOUIS MORGAN, A. M., Teacher, 1249 E. Wash. St. Indianapolis.
- MINNIE OLCOTT, A. B. (Mrs. Williams), 68 Tal-
bott Ave.....Indianapolis.
- LIZZIE G. SMITH, Ph. B. (Mrs. Isaac Harlan), 68
Michigan Ave.....Indianapolis.
- SILAS A. WURTZ, A. B., Minister.....

CLASS OF 1882.

- CLAUDE HARRISON EVEREST, A. B., Farmer..... Hutchinson, Kan.
 TADE HARTSUFF, Ph. B. (Mrs. J. B. Kuhns)..... Greensburg, Pa.
 BURGESS L. McELROY, A. B., General Insurance
 Agent Mt. Vernon, O.
 LEWIS A. PIER, A. M. Willows, Cal.
 MAY LOUISE SHIPP, Ph. B., 540 N. Delaware St. Indianapolis.
 MARCELLUS J. THOMPSON, A. M. (University of
 Michigan), Professor of Physics, University
 of Missouri (Died December 17, 1890)..... Columbia, Mo.

CLASS OF 1883.

- ROBERT L. DORSEY, A. B., Tucker & Dorsey, Man-
 ufacturers, 233 Central Ave Indianapolis.
 JEAN H. EVEREST, A. M., Lawyer Oklahoma City, O. T.
 REVILLO P. HALDEMAN, Ph. B., Loan Agent..... Springfield, Mo.
 MARGARET A. HUSTED, Ph. M., 69 English Ave. Indianapolis.
 THOMAS M. IDEN, Ph. M., Chair of Chemistry and
 Physics, Butler College..... Irvington.
 CAREY E. MORGAN, A. M., Minister, 2000 Portland
 Ave..... Minneapolis, Minn.
 MARTIN A. MORRISON, A. B. (LL. B. University of
 Virginia, 1886), Lawyer..... Frankfort.
 MILTON O. NARAMORE, A. M., LL. B., Lawyer,
 Sec. The Kent Law School, 614 Ashland Blk.,
 59 Clark St..... Chicago, Ill.
 CORA M. SMITH, A. M. Irvington.

CLASS OF 1884.

- LEWIS CLARK BREEDEN, A. B., Editor Summum, Ill.
 SHERMAN TOWN BURGESS, A. B., Real Estate Agt. Scott, Kan.
 ALBERT MUNSON CHAMBERLAIN, A. M., Financial
 Agent Butler College..... Irvington.
 LOT DICKSON GUFFIN, A. B., Lawyer..... Rushville.
 FRANCES ELLEN HUSTED, A. B. (Mrs. W. H. Barr),
 69 English Ave..... Indianapolis.
 GRACE GIDDINGS JULIAN, Ph. M. (Mrs. C. B.
 Clarke)..... Irvington.

WM. WALLACE KNAPP, Ph. B., Abstractor of Titles, Irvington.
 JOHN BUGHER KUHN, A. B., Merchant Greensburg, Pa.
 MARY LUCINDA LAUGHLIN, Ph. B., Professor of
 Music Marion, Ala.
 MATTIE McCLURE, A. B., Trained Nurse Cincinnati, Ohio.
 JOHN McKEE, A. B., Minister Jefferson, Iowa.
 ELLA MAY DAILEY (Mrs. C. E. Morgan), Ph. B.,
 2000 Portland Ave. Minneapolis, Minn.
 ELMER ISAAC PHILLIPS, B. S., Lawyer New Castle, Pa.
 ROBERT SELLERS, A. B., Minister South Bend.
 JAMES HENRY O. SMITH, A. B., Minister, 192
 Laurel St. Buffalo, N. Y.
 WM. CLEMENT SMITH, B. S., Real Estate and Rental
 Agent Indianapolis.
 JOHN FRANCIS STONE, B. S., Lawyer Guthrie, Okla.
 MATTIE WADE, Ph. M. (Mrs. W. B. Parks) . . . Thorp's Springs, Tex.

CLASS OF 1885.

RICHARD F. BIGGER, Ph. B., M. D., Cor. Delaware
 and North Sts. Indianapolis.
 ARTHUR V. BROWN, Ph. B., County Attorney for
 Marion Co., 92½ E. Washington St. Indianapolis.
 EDMUND H. HINSHAW, A. B., Lawyer Fairbury, Neb.
 JOHN A. KAUTZ, A. M., Editor Gazette-Tribune . . Kokomo.
 CHARLES A. MARSTELLER, Ph. B., Broker Lafayette.
 LOURETTA E. MORGAN, Ph. B. (Mrs. Robert Sellers), South Bend.
 ELECTA MURRY, Ph. B. (Mrs. O. M. Pruitt), 49
 Columbia Ave. Indianapolis.
 DORA A. PENDLETON, Ph. M. (Mrs. C. C. Riley) . . Indianapolis.
 FANNIE M. PHILLIPS, B. S. (Mrs. J. F. Stone) . . . Guthrie, Okla.
 ORAN M. PRUITT, A. M. (with Indiana Lumber and
 Veneer Co.), 49 Columbia Ave. Indianapolis.

CLASS OF 1886.

IDA MAY FINDLEY, A. B. Liberty.
 JOHN PAUL FINDLEY, A. B., Minister Liberty.
 ROBERT ALEXANDER GILCREST, A. M., Minister . . Centerville, Iowa.
 JULIET HOLLAND, Ph. B. Washington, D. C.

THOMAS UNDERWOOD RAYMOND, A. B., M. D.
Vancouver Barracks, Wash.

MYRTELLA SEWALL, Ph. B. (Mrs. N. B. Whit-
sel) Hudson, Ind.

CORRINE T. THRASHER, Ph. B. (Mrs. O. O. Car-
vin) Irvington.

CLASS OF 1887.

DORA GRACE GRACE BLOUNT, Ph. B., Teacher.....Irvington.
LAWSON A. COBLE, A. B., Minister.....Oakland City.
ERASTUS S. CONNER, A. B., Minister.....Noblesville.
BENJAMIN F. DAILY, A. M., Minister.....Greenfield.
EMMETT W. GANS, Ph. B. (with Aultman, Taylor
& Co.).....Mansfield, Ohio.
JANE GRAYDON, A. B., Teacher, 288 Central
Ave.....Indianapolis.
F. ROLLIN KAUTZ, A. M. (with Bowen-Merrill
Co.).....Indianapolis.
JAMES S. MCCALLUM, A. B., Minister.....Olympia, Wash.
GERTRUDE R. MAHORNEY, Ph. M., Teacher, 358 W.
Second St.....Indianapolis.
MARTHA O. MURRY, Ph. B. (Mrs. E. W. Hoover),
13 Reisner St.....Indianapolis.
JOHN A. RELLER, A. B., Minister.....Sidney, Ohio.
ARTHUR W. SHOEMAKER, Ph. B., Minister..Andrews.
SALLIE B. THRASHER, B. S. (Mrs. A. J. Brown) Grand Rapids, Mich.
HENRY M. TONER, B. S., M. D.....Spencer.
FRED M. WADE, B. S. Law Student.....Indianapolis.
OMAR WILSON, A. B., Principal Burgess Hall
Preparatory School.....Irvington.
ELIAS P. WISE, A. B., Minister.....Massillon, Ohio.

CLASS OF 1888.

WILLIAM WILSON BUCHANAN, A. B. (with Bowen-Merrill Book Co).....Kansas City, Mo.
GEORGE HARRIS CLARKE, B. S., Minister, 330 W. First St.....Indianapolis.
JOHN DEEM FALL, B. S., Postal Clerk, L. S. & M. S. R. R.....Cleveland, O.

- ELTON ANDREW GONGWER, A. B., Lawyer, 2588
Broadway.....Cleveland, O.
- KATE BLANCHE HADLEY, Ph. B.....Danville.
- ARCHIBALD McCLELLAND HALL, A. M., Ph. D.,
Professor of Hebrew, Butler College.....Irvington.
- OSCAR CLEMENS HELMING, Ph. B., Minister.....Island Pond, Vt.
- WILLIAM CLARENCE McCULLOUGH, A. B., Minister,
A. M. Univ. Mich., '90Stockwell.
- FRANK HAMILTON MARSHALL, A. M., Prof. Greek
and Hebrew, Northwestern Christian College.Excelsior, Minn.
- HUGH THOMAS MILLER, A. B., Prof. of History
and French, Butler College.....Irvington.
- LOUIS JACKSON MORGAN, Ph. B. (LL. B., Yale),
Attorney at Law, Lombard Block.....Indianapolis.
- JOHN CAMPBELL MORRISON, A. B., Real Estate
and Loan Office.....Frankfort.
- WILLIAM MULLENDORE, A. B., Minister.....Somerset, Pa.
- JAMES BUCHANAN PEARCY, Ph. B., Principal High
School.....Anderson.
- MARY PADDOCK, A. B., Printer and Publisher...Indianapolis.
- GEORGE WASHINGTON REDMON, JR., Ph. B., M. D.
(Died Nov. 30, 1894) ... Champaign, Ill.
- JAMES CHALLEN SMITH, A. B., Minister.....Irvington.

CLASS OF 1889.

- JENNIE E. ARMSTRONG, A. B. (Mrs. T. C. Howe)...Irvington.
- PERRY H. CLIFFORD, Ph. B. (with Western Hose
and Belting Co.), 205 Lake St.....Chicago, Ill.
- TROUSSEAU DAILEY, Ph. B. (Died Aug. 15, 1894)...Indianapolis.
- E. EDWIN FRAZIER, B. S., Bookkeeper, Indiana
Car and Foundry Co.....Indianapolis.
- WILLIAM H. GRAFFIS, Ph. B., Journalist.....Logansport.
- THOMAS C. HOWE, A. M., Prof. Germanic Lan-
guages, Butler College.....Irvington.
- GENEVRA HILL, Ph. B. (Mrs. Kirkman).....Richmond.
- WILLIAM G. IRWIN, B. S., Banker.....Columbus.
- MARK A. LeMILLER, Ph. B.Hutchinson, Kan.
- URBAN C. MALLON, Ph. B., Business.....Francesville.
- JOSEPH R. MORGAN, Ph. B. (M. L., Yale), Attorney
at Law, Lombard Block.....Indianapolis.

JOHN J. MAHORNEY, Ph. B., Surveyor (Died 1892)..Irvington.
 WILLIAM F. ROSS, A. B., Minister.....Edwardsport, Ill.
 FLORA SHANK, Ph. B., State Sec. Y. W. C. AIrvington.
 CLARA L. SHANK, A. M., Teacher.....Irvington.

CLASS OF 1890.

ROMAINE BRADEN, A. B., Teacher.....Irvington.
 BENJAMIN MARSHALL DAVIS, M. S., Teacher of
 Science, Whittier College.....Whittier, Cal.
 JOHN FRANK FINDLEY, A. B., Minister.Irvington.
 CHARLES M. FILLMORE, A. B., Minister.....Peru.
 OTIS WEBSTER GREEN, B. S. (with Indianapolis
 Drug Co.), 348 N. Delaware StIndianapolis.
 JULIA MERRILL GRAYDON, A. B. (Mrs. Alexander
 Jameson), 17 E. North St.....Indianapolis.
 J. NEWTON JESSUP, A B., Minister.....Vincennes.
 INDIANA LOUISIANA MARTZ, A. B., Teacher.....Kokomo.
 TACE CLARA BELLE MEEKER, A. B., Teacher.....Sullivan, Ill.
 FRANK D. MUSE, A. B., MinisterMartinsville.
 HENRY THOMAS MANN, B. S., Teacher Prepara-
 tory Department, Butler College.....Irvington.
 JOHN D. NICHOLS, A. M. (M. D., Ind. Med. Coll.),
 1 Broadway.....Indianapolis.
 LAZ NOBLE, A. B., BusinessIrvington.
 HENRY STEWART SCHELL, A. M. (Burks, Schell,
 Hall & Co.), 358 Dearborn St.....Chicago, Ill.
 ALEXANDER CAMPBELL SMITHER, A. B., Minister.Los Angeles, Cal.
 AUGUSTA L. STEVENSON, A. B., TeacherIrvington.
 VIDA C. TIBBOTT, A. M.....Irvington.
 T. H. KUHN (A. B., Wabash), A. M., Ph. D., Min-
 isterTipton.

CLASS OF 1891.

GEORGIA E. BUTLER, A. B.Irvington.
 MARY I. BROUSE, A. B., TeacherIrvington.
 ROBERT P. COLLINS, A. B.....Berlin, Pa.
 MARK COLLINS, A. B.....Indianapolis.
 EUGENE J. DAVIS, B. S. (M. D., Ind. Med. Coll.),
 Medical Student.....Berlin, Prussia.

CHARLES L. DEHAAS, A. B., Lawyer	Hillsboro, O.
WILLIAM P. HAY, M. S., Teacher Science, High School	Washington, D. C.
ROBERT HALL, A. M., Minister	Irvington.
EVA M. JEFFRIES, A. B., Student in Music	Irvington.
ELIZABETH D. LAYMAN, A. B.	Irvington.
H. W. MCKANE, A. B., Minister	Jeffersonville.
JESSE H. MAVITY, A. B., Minister	Kewanna.
PERRY T. MARTIN, A. B., Teacher	Crawfordsville.
EMERSON W. MATTHEWS, A. B., Minister	Red Bluff, Cal.
RAY D. MEEKER, B. S., Lawyer	Sullivan, Ill.
GRACE L. MURRY, A. B., Teacher, 234 Ash St.	Indianapolis.
W. G. MCCOLLEY, A. B., Minister	Bloomington, Mich.
FRANCES M. PERRY, A. M., Teacher, 57 Broadway	Indianapolis.
LUTHER E. SELLERS, A. B., Minister	New Albany.

CLASS OF 1892.

BOWEN C. BOWELL, A. B. (M. D. College of Phys- icians and Surgeons, Chicago)	Rolling Prairie.
JOHN M. BREVOORT, A. B., Farmer	Vincennes.
REED CARR, A. B., Teacher	Orleans.
WILLIAM F. CLARKE, A. B., Ministerial Student, Butler College	Mt. Auburn.
R. FRANKLIN DAVIDSON, A. M., Law Student	Indianapolis.
THOMAS AARON HALL, A. M., Minister	Connersville.
GERTRUDE JOHNSON, A. B.	Irvington.
W. FRANK LACY, A. B., Lumber Merchant	Poplar Grove, Ark.
ALFRED LAUTER, A. B., Business	Indianapolis.
LECTANIA MAY NEWCOMB, A. B., Teacher	Irvington.
SAMUEL H. SHANK, A. B., Business	Irvington.
WILLIAM SNODGRASS, A. B., Teacher	Cyclone.
BERTHA THORMYER, A. B., Teacher	Niles, Mich.
AVERY A. WILLIAMS, A. B. (Died Jan. 17, 1894)	Wabash.
DE MOTTE WILSON, A. B., Teacher	Irvington.

CLASS OF 1893.

STELLA BRADEN, A. B.	New Point, La.
JESSE LINCOLN BRADY, A. B., Minister	Rensselaer.
HARRY SEYMOUR BROWN, B. S., Law Student	Indianapolis.

EVELYN MITCHELL BUTLER, A. B., Instructor, Burgess Hall Preparatory School.....	Irvington.
EDWARD HARRY CLIFFORD, A. B., Business.....	Irvington.
JULIA FISH, A. B.....	Indianapolis.
WILL DAVID HOWE, A. B., Graduate Student at Harvard.....	Cambridge, Mass.
FRANK F. HUMMEL, B. S., Teacher.....	Kokomo.
LONA LOUISE IDEN, A. B. (Mrs. W. F. Lacy).....	Poplar Grove, Ark.
DANIEL WONDERLICH LAYMAN, B. S., Medical Student Coll. Phys. and Surg.....	New York City.
JOHN MINNICK, B. S., Teacher.....	Dora.
MARY EOLA THOMAS, A. B.....	Riverside, Cal.
LUTHER ADDISON THOMPSON, B. S., Teacher.....	Acton.
BERTHA BELLE WARD, A. B.....	Indianapolis.
FRANK FORD WILLIAMS, B. S., Auditor's Office...	Wabash.

CLASS OF 1894.

CHARLES ELSWORTH BAKER, A. B., Journalist...	Logansport.
JOHN WILBERT BARNETT, A. B., Minister.....	Noblesville.
EDWIN WALLACE BRICKERT, A. B., Minister.....	Noblesville.
GEORGE GREEN BRUER, A. B., Minister.....	Indianapolis.
ROSE ELLIOTT, A. B., Teacher.....	Indianapolis.
MARY BEMIS GALVIN, A. B.....	Irvington.
CLARA MAE GOE, A. B.....	Irvington.
GEORGE ELMER HICKS, A. B., Minister.....	Irvington.
EMMA CLAIRE JOHNSON, A. B.....	Irvington.
ISABELLE AURELIA MOORE, A. B.....	Wanamaker.
ORA MAY MURRAY, A. B.....	Olathe, Kansas.
CHARLES ALBERT RILEY, A. B., Minister.....	Irvington.
CHARLES AUGUSTUS STEVENS, A. B., Minister...	Irvington.
ANNA CHARLOTTE STOVER, A. B.....	Ladoga.
EDITH DAISY SURBEY, A. B., Teacher.....	Indianapolis.
MYRTLE VAN SICKLE, A. B.....	Fenton.

HONORARY DEGREES CONFERRED.

- *HON. OLIVER P. MORTON, LL. D., 1871.
*HON. CONRAD BAKER, LL. D., 1871.
*HON. JAMES A. GARFIELD, LL. D., 1871.
PROF. ALLEN R. BENTON, LL. D., 1871, Professor of Philosophy and
Biblical Literature, Butler College.
*HON. HORATIO C. NEWCOMB, LL. D., 1871.
HON. WILLIAM M. FRANKLIN, LL. D., 1871.
*OVID BUTLER, LL. D., 1871.
HON. BYRON K. ELLIOTT, A. M., 1871, Dean, Indiana Law School, In-
dianapolis, Ind.
A. C. SHORTRIDGE, A. M., 1871.
*HON. MILTON B. HOPKINS, A. M., 1871.
CATHERINE MERRILL, A. M., 1871, Teacher, Indianapolis, Ind.
CHARLES E. HOLLENBECK, A. M., 1871, Publisher, Indianapolis, Ind.
PROF. ELI F. BROWN, B. S., 1876.
*PROF. J. O. HOPKINS, A. M., 1876.
*JUDGE JOHN A. HOLMAN, A. M., 1877.
PRES. DAVID S. JORDAN, Ph. D., 1877, President, Leland Stanford
Jr. University, Palo Alto, Cal.
*PRES. OTIS A. BURGESS, LL. D., 1877.
PROF. MELVILLE B. ANDERSON, A. M., 1878, Professor of English
Literature, Leland Stanford Jr. University.
PROF. DELASKIE MILLER, Ph. D., 1879, Physician (Specialist), Chi-
cago, Ill.
PROF. ELI F. BROWN, M. S., 1880, Superintendent Public Schools,
Riverside, Cal.
MARION THRASHER, A. M., M. D., 1883, 1228 Market Street, San
Francisco, Cal.
J. H. McCULLOUGH, A. M., 1883, Minister, Irvington, Cal.
DR. RUFUS BLOUNT, A. M., 1883, Physician, Wabash, Ind.

*Deceased.

DR. F. GRAYSTON, A. M., 1883, Physician, Huntington, Ind.

*ALVIN I. HOBBS, LL.D., 1885, Minister, Dean, Theological Fac. Drake University, Des Moines, Iowa.

*ISAAC ERRETT, LL. D., 1886, Editor, *Christian Standard*, Cincinnati, O.

PRES. A. G. THOMAS, LL. D., 1886, President, Burritt College, Spencer, Tenn.

PRES. S. R. CRUMBAUGH, LL. D., 1886, President, South Kentucky College, Hopkinsville, Ky.

PRES. W. Y. TAYLOR, A. M., 1886, President, Lagarto College, Lagarto, Tex.

HARRIET NOBLE, A. M., 1886, Irvington, Ind.

W. T. MOORE, LL. D., 1887, Minister and Editor, London, Eng.

ISAAC A. HARVEY, Ph. D., 1887, Geologist, Penn.

MILTON J. MALLORY, A. M., 1887, Superintendent City Schools, Crown Point, Ind.

CHARLES LOUIS LOOS, LL. D., 1888, President, Kentucky University, Lexington, Ky.

HON. Z. T. SWEENEY, LL. D., 1889, Columbus, Ind.

LIEUT. THOMAS U. RAYMOND, A. M., 1890, Vancouver Barracks, Wash.

J. L. DICKENS, LL. D., 1891, President Texas Female Seminary, Weatherford, Texas.

LEWIS A. PIER, A. M., 1891, Willows, Cal.

DORMAN S. KELLY, A. M., 1892, Department Natural History, State Normal School, Emporia, Kansas.

*Deceased.

THE
ANNUAL CATALOGUE
OF
BUTLER COLLEGE

DEPARTMENT OF ARTS.....
UNIVERSITY OF INDIANAPOLIS

For the Forty-first Session

1895-'96

WITH ANNOUNCEMENTS FOR 1896-'97

INDIANAPOLIS

CARLON & HOLLENBECK, PRINTERS AND BINDERS

1896

TABLE OF CONTENTS.

	PAGE.
UNIVERSITY OF INDIANAPOLIS.....	5-11
BUTLER COLLEGE.....	11
CALENDAR	12-13
BOARD OF DIRECTORS.....	14
FACULTY.	15-17
ORGANIZATION: Historical Sketch, Directorship, Financial Condition, Educational Purpose, Religious Influences, Higher Education of Women, Facilities for Self-sup- port by Students, Pecuniary Assistance to Students, Christian Associations, Butler Collegian, Other Stu- dent Organizations, Oratorical Association, Athletic Association, Gymnasium Practice, Literary and Mu- sical Advantages, Popular Lectures, Optional and Special Students, Graduate Students, Memorial Gifts.	19-31
LOCATION AND BUILDINGS: Location and Surroundings, Main College Buildings, Library Hall, Astronomical Obser- vatory, Boarding Hall, Library, Museum, Chemical Laboratory, Gymnasium.....	32-39
DEPARTMENTS OF INSTRUCTION: The Bible, Philosophy, Civics, Mathematics, Latin, Greek, English, German, French, Natural History, Botany, Geology, Physics, Chemistry, Social and Educational Science, Elocution, Physical Culture	40-58
ADMISSION: To whom Open, Entrance Examinations, Admis- sion on Examination, Examination of Optional Stu- dents, Admission without Examination, High School Graduates, Admission to Advanced Standing.....	60-64
RESIDENCE: Registration, Enrollment Each Term, Religious Duties, Class Exercises, Final Examinations of the Term, Exemption from Examinations, Classification of Students, Term Reports, Prize Contests, Payments to the College, Expense of Residence.....	65-70

GRADUATION: General Requirements, Baccalaureate Degrees, Baccalaureate Theses, Advanced Degrees.....	71-74
COURSES OF STUDY: General Course (1).....	75
General Course (2).....	75
Pre-Law Course.....	75
Pre-Medical Course.....	75
Work of Freshman Year.....	76-78
Work of Sophomore Year..	79-82
Work of Junior Year.....	82-85
Work of Senior Year.....	86-89
Scheme of Daily Recitations.....	90, 101
PREPARATORY SCHOOL: Instructors, Organization, Purpose, Admission, Classification, Examinations, Classes, Phys- ical Exercise, Library and Reading Room, Contest in Declamation, Methods of Instruction, Courses of Study.	91, 101
SUMMER SCHOOL.....	59, 74
CATALOGUE OF STUDENTS	102-109
ALUMNI.	110-126
HONORARY DEGREES CONFERRED.....	127-128

UNIVERSITY OF INDIANAPOLIS.

It having become evident that the interests of higher education may best be furthered by the consolidation under one general management of the leading educational institutions of Indianapolis, such consolidation has been effected and articles of association have been duly filed. The purposes of the corporation thus formed, and the manner of its organization, are indicated in its articles of association as follows :

“The name of the corporation shall be the UNIVERSITY OF INDIANAPOLIS.

“The objects for which it is formed are, to afford facilities for higher education in the arts, sciences and professions.

“The said University shall acquire, own, hold and control the necessary lands and buildings for the purposes of the University ; shall confer degrees, grant diplomas, and exercise all lawful powers incident to such corporation.

“For the purpose of securing the ends for which the University is organized, there shall be a school of the liberal arts, a school of medicine, a school of law, a school of dentistry, and such other schools as shall further the cause of higher education.

“There shall be a board of trustees, consisting of fifteen persons, who shall serve without compensation ; these shall be chosen for the first year by the persons whose names are hereto signed ; after the first year, the senate of the University (as hereinafter provided for) shall select three members of such board, and in case of vacancy by death, resignation, or otherwise, of any one of said three members, the senate shall fill the place so vacated. The president of the University and the mayor of Indianapolis shall each, *ex officio*, be a member of such board. The remaining ten members of the board of trustees shall, at the end of the first year, be selected by the board whose term is then about to expire, and thereafter all vacancies in the list of said ten members so chosen shall be filled by said board. The board of trustees shall have

charge, control and management of the property interests and financial affairs of the University, and these powers shall include, also, the power to determine the compensation of all officers, professors and employes of the University.

“There shall be a senate of the University consisting of one representative from each school, selected by the same, except that the school of liberal arts shall have two representatives in said senate, by it chosen; *provided*, however, that the total number composing said senate shall not exceed twelve. The members of the said senate shall serve without compensation. The senate shall have charge and control of the educational interests of the University. There shall be a president of the University, to be chosen by the joint vote of the board of trustees and the senate, and there may be such other officers of the University as may be deemed necessary or expedient by the board and senate thus acting. All officers so chosen shall hold office during the pleasure of the board and senate.

“Should any existing school heretofore organized, or any school hereafter organized for educational purposes, desire to become a school in this University, the same can do so, when permitted by law, upon the consent of the board of trustees, on the recommendation to such board by the senate upon terms to be agreed upon by and between such school or schools, and the board of trustees. And, in admitting such school or schools, the said board shall have the power to agree, among other things, that such school or schools may each have the management and control of its own separate property and special officers, and the right to select and discharge its professors and determine their compensation, and the power of recommending for degrees and diplomas at the hands of the University, those whom the said school or schools may deem worthy of such degrees or diplomas; *provided, however*, that during the first year, the recommendation of the senate to the board of trustees for the admission of any school or schools shall be dispensed with. These articles may be amended by a two-thirds vote of the board of trustees and the senate acting together.”

In pursuance of the above, the following officers have been chosen :

PRESIDENT OF THE UNIVERSITY.

ACADEMICAL SENATE.

_____	_____
_____	_____
_____	_____
_____	_____

BOARD OF TRUSTEES.

ALLEN M. FLETCHER, *President*. GEORGE E. HUNT, *Secretary*.
 HERMAN LIEBER, *Treasurer*.

P. H. JAMESON.	ELI LILLY.	A. C. HARRIS.
THOMAS TAGGART.	BENJAMIN HARRISON.	EDWARD H. DEAN.
STERLING R. HOLT.	M. J. OSGOOD.	J. W. MARSEE.
SCOT BUTLER.	HILTON U. BROWN.	W. P. FISHBACK.

The following colleges have been admitted to this corporation and compose the

UNIVERSITY OF INDIANAPOLIS.

DEPARTMENT OF ARTS.....	Butler College.
DEPARTMENT OF MEDICINE.....	Medical College of Indiana.
DEPARTMENT OF LAW.....	Indiana Law School.
DEPARTMENT OF DENTAL SURGERY.....	Indiana Dental College.

SUMMARY.

1895-96.

	No. in Faculty.	Students enrolled.
Department of Arts.....	21	231
Department of Medicine.....	19	209
Department of Law.. ..	13	95
Department of Dental Surgery	14	157
	—	—
Total.....	67	692

Medical Department

The Medical College of Indiana.

The twenty-sixth annual session of this school closed April 1st, 1896. This was the most prosperous session the institution has ever known, both in point of attendance and thoroughness of instruction. For the first time in its history the college has a building erected especially for it, and fitted up in such a manner as to suit the requirements of advanced medical education.

The new building, occupied exclusively by the college, situated on the corner of Market street and Senate avenue North, has proved satisfactory in every respect. The facilities for instruction, which now compare favorably with most colleges, will be considerably increased with the beginning of the next session.

This institution has now become a department of the University of Indianapolis. Its name, however, will be preserved as heretofore. The alliance will insure increased stability and increased support, and will in many ways, it is confidently expected, benefit the institution, and make its diplomas more valuable and desirable.

The matriculation list of the last session showed two hundred and nine students in attendance. The Faculty numbers nineteen, with sixteen lecturers and assistants. The twenty-seventh annual session will begin September 29, 1896.

For catalogues and all particulars as to curriculum, fees and special facilities for teaching, address the Dean, Jos. W. MARSEE, M. D., No 106½ East New York Street, Indianapolis.

Law Department

Indiana Law School.

The Indiana Law School, the Law Department of the University, enters upon its third year with every prospect of increasing success and usefulness. As location for a law school, the city of Indianapolis has no superior in the country. Nowhere has the student better opportunities to watch the progress of all sorts of litigation in courts of all grades. All the courts of the state of Indiana, from the supreme court down to that of lowest jurisdiction, and also the United States circuit and district courts, are in almost continuous session here during the school year. The value to the student of the knowledge of court procedure to be thus secured can hardly be placed too high. He not only learns routine court work, but he learns, also, the manner of cross-examination of witnesses; he sees the practical application of the rules governing the admission of evidence, and the methods of its introduction; not only this, but the student is thus afforded opportunities to observe and study the trial methods and styles of argument of prominent lawyers from all parts of the country, as they are brought here by litigation in which they are interested.

Indianapolis presents the advantages of city life without the drawbacks of a city of the largest size. The cost of living here is low, although it is the seat of great professional and commercial activity. The litigation arising in the different courts is of the most varied character, and involves the most diverse business interests, and the student may thus acquaint himself with business methods as well as court procedure.

For catalogue and further information address the Dean, W. P. FISHBACK, Indianapolis, Ind.

Dental Department**Indiana Dental College.**

The Indiana Dental College will begin its eighteenth annual session October 6, 1896. The college is now occupying its own building, which was erected for dental educational purposes. The building is on the southwest corner of Ohio and Delaware streets; centrally located and easily accessible from all parts of the city.

During the session of 1895-1896 there were 157 students in attendance at the Indiana Dental College. Of these 43 were Seniors, 47 were Juniors and 67 were Freshmen. The growth of the college has been steady and sure, indicating its worth as an educational institute. Our students come from all parts of the United States.

The fame of our city as an educational center is rapidly spreading. Indianapolis is now closer to the center of population of the United States than any other city. Its railroad facilities, healthfulness, and other advantages combine to render it an ideal college town.

For catalogue and further information address

INDIANA DENTAL COLLEGE, INDIANAPOLIS.

Department of the Liberal Arts**Butler College, Irvington.**

The purpose of this department of the University is to furnish the means of a general education in the arts and sciences. It is believed that such education not only contributes to liberal culture, but affords a preliminary training of immense practical value in professional or business life. For detailed catalogue see following pages.

BUTLER COLLEGE CALENDAR

1896-97.

SUMMER SCHOOL.

June	22..Monday	Begins.
July	8..Wednesday..	Quarterly Meeting Board Directors.
July	31..Friday.....	Ends.

FALL TERM.

September	29..Tuesday	Registration of Students.
September	30..Wednesday..	Instruction begins.
October	14..Wednesday..	Quarterly Meeting Board Directors.
November	26..Thursday . . .	Thanksgiving Day.
December	16..Wednesday..	Oratorical Primary.
December	19..Saturday	Graduating Theses announced.
December	22..Tuesday	Term Examinations begin.
December	23..Wednesday..	Fall Term ends.

WINTER TERM.

January	5..Tuesday	Registration of Students.
January	6..Wednesday..	Instruction begins.
January	13..Wednesday..	Quarterly Meeting Board Directors.
February	7..Sunday.	Founders' Day.
February	22..Monday	Washington's Birthday.
March	26..Friday	Term Examinations begin.
March	27..Saturday . . .	Winter Term ends.

SPRING TERM.

March	30..Tuesday	Registration of Students.
March	31..Wednesday..	Instruction begins.
April	14..Wednesday..	Quarterly Meeting Board Directors.
May	27..Thursday.....	Graduating Theses due.
May	30..Sunday	Decoration Day.
June	17..Thursday.....	Closing Chapel Exercises.

June	18..Friday	Preparatory Department Contest in Declamation.
June	18..Friday	Examinations.
June	19..Saturday	Examinations.
June	20..Sunday	Baccalaureate Address.
June	21..Monday	Sophomore Prize Orations.
June	21..Monday	Annual Meeting Board Directors.
June	22..Tuesday	Examinations.
June	22..Tuesday	President's Reception.
June	23..Wednesday ..	Alumni Reunion.
June	24..Thursday	Forty-second Annual Commence- ment.

BOARD OF DIRECTORS.

A. F. ARMSTRONG.....	KOKOMO,	IND.
A. M. ATKINSON	WABASH,	"
A. W. BRAYTON, M. D.....	INDIANAPOLIS,	"
U. C. BREWER.....	DANVILLE,	"
H. U. BROWN, A. M.....	INDIANAPOLIS,	"
CHAUNCEY BUTLER, A. B	INDIANAPOLIS,	"
H. B. CALE, A. M.....	INDIANAPOLIS,	"
A. M. CHAMBERLAIN, A. M	IRVINGTON,	"
JOHN S. DUNCAN, LL. B.....	INDIANAPOLIS,	"
ADDISON C. HARRIS, LL. B.....	INDIANAPOLIS,	"
C. E. HOLLENBECK, A. M	INDIANAPOLIS,	"
JOSEPH I. IRWIN.....	COLUMBUS,	"
P. H. JAMESON, M. D.....	INDIANAPOLIS,	"
ALBERT JOHNSON.....	IRVINGTON,	"
F. ROLLIN KAUTZ, A. M.....	IRVINGTON,	"
T. H. KUHN, Ph. D.....	TIPTON	"
C. E. MORGAN, A. M.....	MINNEAPOLIS, MINN.	
WM. MULLENDORE, A. M.....	SOMERSET, PA.	
S. D. NOEL.....	INDIANAPOLIS, IND.	
M. T. REEVES.....	COLUMBUS	"
*J. T. STRONG, M. D.....	PLAINFIELD,	"
C. E. THORNTON, A. B.....	INDIANAPOLIS,	"

OFFICERS OF THE BOARD.

A. F. ARMSTRONG.....	<i>President.</i>
A. M. CHAMBERLAIN.	<i>Financial Agent and Secretary.</i>
SCOT BUTLER.....	<i>Treasurer.</i>

STANDING COMMITEES.

On Finance and Auditing.

P. H. JAMESON, H. B. CALE, C. E. HOLLENBECK.

On Buildings, Grounds and Real Estate.

C. E. THORNTON, ALBERT JOHNSON, S. D. NOEL, WM. MULLENDORE.

On Library, Apparatus and Cabinets.

F. ROLLIN KAUTZ, A. C. HARRIS, C. E. MORGAN.
U. C. BREWER, H. U. BROWN.

On Instructors, Salaries and Condition of Schools.

H. U. BROWN, A. W. BRAYTON, A. M. CHAMBERLAIN, T. H. KUHN.

On Judiciary and Claims.

J. S. DUNCAN, A. M. ATKINSON, J. I. IRWIN, A. C. HARRIS.

On Boarding Hall.

A. M. ATKINSON, CHAUNCEY BUTLER, M. T. REEVES,
ALBERT JOHNSON.

*Deceased. Addison C. Harris elected for unexpired term.

OFFICERS
OF
INSTRUCTION AND GOVERNMENT.

- SCOT BUTLER, A. M., LL. D., PRESIDENT,
Professor of the Latin Language and Literature.
- ALLEN RICHARDSON BENTON, A. M., LL. D.,
Professor of Philosophy and Biblical Literature.
- WILLIAM MERRIT THRASHER, A. M.,
Professor of Mathematics.
- HUGH CARSON GARVIN, A. M., PH. D.,
Professor of Biblical Philology.
- DEMARCHUS CLARITON BROWN, A. M.,
Professor of the Greek Language and Literature.
- FLORA BRIDGES, A. M.,
Demia Butler Professor of English Literature.
- THOMAS MEDARY IDEN, PH. M.,
Professor of Chemistry.
- THOMAS CARR HOWE, A. M.,
Armstrong Professor of Germanic Languages.
- HUGH THOMAS MILLER, A. M., SECRETARY OF THE FACULTY,
Professor of History and French.
- HENRY L. BRUNER, A. M.,
Professor of Biology and Geology.
- ARCHIBALD MCCLELLAND HALL, A. M., PH. D.,
Professor of Hebrew.

16 OFFICERS OF INSTRUCTION AND GOVERNMENT.

ELMER BURRITT BRYAN, A. B.,
Professor of Social and Educational Science.

BENJAMIN MARSHALL DAVIS, M. S.,
Acting Professor of Biology.

WILL DAVID HOWE, A. M.,
Acting Professor of English.

JOHN DELBERT NICHOLS, A. M., M. D.,
Instructor in Materia Medica and Therapeutics.

JOHN W. SLUSS, A. M., M. D.,
Demonstrator of Anatomy.

JAMES WILLIAM COMFORT,
Lecturer on Homiletics.

LIDA ENDRESS GILBERT,
Teacher of Elocution and Director of Physical
Culture for Women.

OMAR WILSON, A. M.,
Principal of Preparatory School and Instructor in
Latin and Greek.

EVELYN MITCHELL BUTLER, A. B.,
Assistant in Preparatory School.

JAMES LILLY ZINK,
Director of Physical Culture for Men.

ALBERT JAMES BROWN, A. M.,
Assistant in Preparatory School.

ROBERT HALL, A. M., PH. D.,
Instructor in Patristic Latin.

CHARLES AUGUSTUS STEVENS, A. M.,
Instructor in German.

JAMES CHALLENGER SMITH, A. M.,
Instructor in Latin.

WILLIAM FRANKLIN CLARKE, A. M.,
Instructor in German.

CHARLES WINGATE CULBERTSON,
Laboratory Assistant in Chemistry.

Committees.

<i>On Graduate Instruction</i>	{ ALLEN R. BENTON, HUGH C. GARVIN, WM. M. THRASHER.
<i>On Required Studies</i>	{ THOS. M. IDEN, THOS. C. HOWE, OMAR WILSON.
<i>On Competitive Exercises</i>	{ FLORA BRIDGES, LIDA E. GILBERT, JAMES L. ZINK.
<i>On College Paper</i>	{ DEMARCHUS C. BROWN, FLORA BRIDGES, THOS. C. HOWE.
<i>On Athletics</i>	{ HUGH TH. MILLER, JAMES L. ZINK, BENJ. M. DAVIS.

Officers of the College Library.

DEMARCHUS C. BROWN, *Librarian.*

HARRIET N. BREVOORT, *Assistant Librarian.*

Superintendent of the College Residence.

MRS. MARY A. SETTLE.

ORGANIZATION.

DEPARTMENT OF THE UNIVERSITY OF INDIANAPOLIS.

Butler College, by act of its Directors and of the Trustees of the University of Indianapolis, has been united with the latter institution, in which henceforth it holds the place of Department of the Liberal Arts. This relation does not affect the autonomy of the college, whose ownership of property, and control in all matters affecting internal management remain as heretofore with its own Board of Directors.

HISTORICAL SKETCH.

In the general conventions of the Christian churches of Indiana the founding of an institution of higher education first began to be discussed in the year 1841. A few years later a definite resolution committing them to this work was adopted. After a full canvass of the State in 1849, in order to ascertain the views of those interested in the undertaking, it was decided to build such an institution at Indianapolis, under the name of the Northwestern Christian University. A charter both liberal and comprehensive, and fitted to promote

the purposes of its projectors, was obtained from the Legislature. This charter went into effect January 15, 1850, and the University was formally opened November 1, 1855. The charter provides for a joint-stock corporation, the shares of whose stock are fixed at \$100 each; on which, when paid up, or when interest on the same is regularly paid, the stockholder receives 6 per cent. per annum, payable in tuition. An amount of subscriptions sufficient for a beginning was received within about eighteen months, and then the commissioners, under the charter, proceeded to erect a substantial building and to organize the various departments and courses of study. In 1873 it was determined to remove to Irvington, and in 1875 instruction of the college classes was begun in the new location. This removal was prompted in part by financial considerations, for the real estate belonging to the University, having been included within the city limits, had greatly appreciated, and the corporation, by putting it on the market as city lots, was able to increase largely its financial resources. It was felt, too, that a quiet suburb, withdrawn somewhat from the distractions of the city, would afford a more desirable place of residence for students. Experience has demonstrated the correctness of this view and the wisdom of the removal.

The change in the name of the institution was made February 28, 1877, after full deliberation by the Board of Directors. This change does not affect any chartered obligations of the corporation in respect to property or graduates, or its purposes, all of which have been de-

terminated by a legislative act and the recorded resolutions of the Board of Directors.

DIRECTORSHIP.

The general control of the affairs of the corporation is vested in a board of directors, consisting of twenty-one members. These directors are chosen by vote of the stockholders from their number, a meeting for the purpose being held every third year at the office of the secretary of the board, at 2 o'clock P. M., of Commencement Day. A stockholder is entitled to one vote for each share of stock owned by him, and can vote in person or by proxy. Any stockholder is eligible to membership on the board. The members of the board serve without pay. A newly elected board organizes by choosing a president, a secretary and a treasurer. The next election of directors will be held in the year 1897.

PRESENT FINANCIAL CONDITION.

The financial resources of the institution have been made to suffice for all work so far undertaken. The property of the corporation is in a highly satisfactory shape, and its endowment is kept well invested, yielding an assured income. The affairs of the corporation are in the hands of a board of directors devoted to its interests, wise and conservative in all their views, and thorough and prudent in the administration of the trust committed to them. But the demands made upon an institution of learning at the present day are greater

than ever before. The college is insufficiently endowed to meet these demands, and it is hoped that the same generous spirit which created and has hitherto sustained it will remain with it and provide for its continued development. The books of the corporation still remain open for subscriptions to stock.

EDUCATIONAL PURPOSE.

The paramount purpose of the founders was to build up an institution of the amplest range of culture and one which should embody also certain liberal, catholic, Christian ideas which had found no emphatic recognition in then existing educational institutions. It was an attempt to put into durable and forceful activity ideas vital to social and civil progress. The wisdom of these purposes has been fully vindicated by the march of events and by the progress of public sentiment with respect to most of the ideas to which the founders sought to give prominence.

RELIGIOUS INFLUENCE.

The purpose of the founders, expressed in their act of incorporation, was "to establish an institution of learning for the education of the youth" and "to teach and inculcate the Christian faith and Christian morality as taught in the sacred Scriptures." Bible instruction is made a part of all under-graduate courses of study. Attendance at daily morning prayers in the college chapel and at services on Lord's day is expected. The

institution has always been religious in spirit; by the terms of its charter it must always be so. The plan of education proposed in its founding was not limited to scientific and literary and æsthetic culture, but recognizing the spiritual needs of man's nature, it included the religious element.

HIGHER EDUCATION OF WOMEN.

From the first opening of the College women have been admitted on the same terms as men. No special courses of study are provided for them; they pursue the same lines of work and are instructed in the same classes, except in physical training, with the young men. But co-education is not intended to be conducted on the idea that men and women are just alike. While it is assumed that the same mental training is good for both, and that both may receive important benefit from association in class-room work, it is held that in matters of general welfare and deportment and in the way of special direction and advice, young women should be placed in charge of one of their own sex. It is regarded as in every way desirable that while in college they should be brought directly under the influence, and be subject to the direction, of a woman of high character, attainments and social position, who should associate with them, give suggestions and counsel, and act towards them at all times as friend and adviser. Provision has therefore been made, in the organization of the faculty, that the young women in attendance shall have the benefit of such supervision.

FACILITIES FOR SELF-SUPPORT BY STUDENTS.

The College desires in every way to encourage students of limited means, but it does not invite the attendance of those who are entirely without means of support. It can not undertake to furnish employment to students. Nevertheless many young men studying for the ministry here support themselves either wholly or in part by preaching in neighboring towns. All parts of the State are within easy reach of Irvington, so that Sunday services at a distance need not interfere with the regular duties of the student. This employment, however, must be secured mainly through the student's own exertions. The College can not stand pledged to secure it for any; every such student must depend on his own ability, industry and perseverance.

PECUNIARY ASSISTANCE TO STUDENTS.

Frequent letters come from young persons desirous of obtaining an education, inquiring as to what assistance can be afforded students who are without the necessary means of support. To such, unfortunately, our answers can not be encouraging. The College has the merest beginning of a students' aid fund, and yet the good that might be accomplished by the judicious expenditure of even a comparatively limited amount of money, in affording assistance to deserving young men and women, is not to be estimated. In behalf of those young men and women whom a little assistance will enable to take positions of commanding influence in

the church and in society, the attention of philanthropic people is called to the good that in this way their means can be made to accomplish. The directors will gladly receive and faithfully administer any endowment that may be placed in their hands for this purpose.

CHRISTIAN ASSOCIATIONS.

The Young Men's Christian Association and the Young Women's Christian Association are voluntary organizations of students and instructors for the promotion of religious culture and for Christian work in College. Their members are sincere and energetic, and always extend to new students a very cordial welcome. The two associations hold a joint prayer-meeting every Sunday evening, thus greatly assisting in maintaining Christian zeal among the students. A committee from each of these associations is in attendance during the first week of the fall term for the purpose of assisting those entering College, with information in regard to rooms, etc., and in general to afford any assistance in their power, which students who are strangers in Irvington may feel inclined to seek from them. The Y. M. C. A. and the Y. W. C. A. unite in a social given at the beginning of each term, to which all students are invited. This affords opportunity for old students to welcome new, and for all to cultivate more intimate acquaintance. All students who are church members are eligible to active membership in these associations. Students not identified with any church may become associate members.

BUTLER COLLEGIAN.

At the close of each college session the editorial staff of *The Collegian* for the following year is chosen by the faculty from among the classes as follows: From the Freshman class, two members; from the Sophomore, three; and from the Junior, four. From the body thus chosen the faculty selects an editor-in-chief and a business manager and may recommend other appointments. For the past year, the editorial staff of *The Collegian* has been as follows:

EARL T. LUDLOW, '96, Editor-in-Chief.
THOMAS R. SHIPP, '97, Assistant Editor.
ED. W. CLARK, '96, Business Manager.

ASSOCIATE EDITORS.

JESSIE L. CHRISTIAN, '97.
C. W. CULBERTSON, '96.
NETTIE SWEENEY, '97.
PEARL JEFFRIES, '96.
DAVID RIOCH, '98.
EZRA ROBERTS, '98.

The following named persons have been chosen by the faculty to compose the editorial staff of *The Collegian* for the session of '96-'97:

THOMAS R. SHIPP, '97, Editor-in-Chief.
GEO. W. KNEPPER, '97, Business Manager.

ASSOCIATE EDITORS.

FRANK T. BROWN, '97.
ELIZABETH CAMPBELL, '99.
JESSIE L. CHRISTIAN, '97.
CARRIE R. HOWE, '97.

DAVID RIOCH, '98.

EZRA C. ROBERTS, '98.

NETTIE SWEENEY, '97.

ANSON H. WASHBURN, '99.

The Collegian is furnished to all students of the College on application without charge. Students and graduates are cordially invited to contribute illustrations, articles, verses, letters and information.

ORATORICAL ASSOCIATION.

Seven colleges, of which this institution is one, compose the Indiana State Oratorical Association. The local association is composed of members of the college classes. The object of this association is to advance oratory by encouraging students to write and deliver orations. Preliminary contests are held annually, near the beginning of the second term, to decide upon a representative for the State contests. Contestants are judged on thought, composition and delivery. Three judges are selected by the faculty on thought and composition, while the association elects three other outside judges on delivery. The contestant receiving the highest average awarded by the judges represents the College at the State contest. If the contestant be successful there he represents the State of Indiana in the Inter-State contest, composed of ten western States. The work done in this department has proved very beneficial to those who take part, and has greatly advanced interest in oratory in the College.

The representative of the College in the State contest this year (1896) was Edward W. Clark. The present officers of the association are as follows: President,

Thomas R. Shipp; vice-president, Charles H. Bass; recording secretary, Percy B. Williams; corresponding secretary, Ezra C. Roberts; treasurer, Ira B. Shrader.

THE ATHLETIC ASSOCIATION.

The College has a regularly organized athletic association for the promotion of foot-ball, base-ball, tennis and other field sports. Any professor, alumnus, or student may become a member of the association by subscribing to the constitution and paying the membership fee of seventy-five cents per year.

Each department of athletics is governed by a manager who is elected by the association. An advisory board of athletic control, consisting of the president, vice-president and secretary of the association, and two members of the faculty, who are chosen by that body, have the general supervision and control of the athletic interests. An annual field-day is held each spring, the events including all kinds of track and field athletics. There are also two tennis tournaments each year, one in the spring and one in the fall term, the winner of the fall tournament playing the winner of the spring tournament for the medal, which is worn by the victor until the following spring. All members of teams and all contestants in athletic games and tennis tournaments of the association must be members of the association.

The rules of the Inter-Collegiate Foot-Ball Association, National Base-Ball Association, Amateur Athletic

Association, and American Lawn Tennis Association govern the contests.

The officers of the association are elected annually in January. The following are the officers for 1896:

President, Willis M. Blount; vice-president, Samuel Cunningham; secretary, Omar A. Farthing; treasurer, Ira B. Shrader; state delegate, Jno. Q. Davis; manager ball teams, Jas. L. Zink; captain foot-ball team, Alonzo S. Roberts; captain base-ball team, John Q. Davis; manager field-day, Robert A. Bull; manager lawn tennis, Alonzo S. Roberts.

GYMNASIUM PRACTICE.

Regular exercise in gymnastics is provided as a means of health, and is supervised by a competent instructor. This exercise is required of students of the lower classes, but is optional with Juniors and Seniors.

LITERARY AND MUSICAL ADVANTAGES.

The location of the College in the immediate vicinity of Indianapolis makes it possible for students to hear the best lecturers and singers, various organizations in the city offering every winter valuable courses of entertainments. Because these advantages are thus offered and are so far superior to anything that a college could secure, the faculty does not find it necessary to make unusual provision for such entertainments.

OPTIONAL AND SPECIAL STUDIES.

Students not candidates for a degree may pursue an optional course, provided their proficiency is equivalent to that required of students admitted to one of the general courses. Special students of approved character, maturity and attainments are admitted for a limited period without examination on recommendation of some member of the faculty under whom a large part of their work is to be taken. It is desired, however, that it be distinctly understood that for the two classes of students herein named special arrangements as to terms and subjects can not be made. Such students must in all cases adapt themselves to the arrangements provided for students pursuing regular courses of study.

GRADUATE STUDENTS.

For purposes of advanced study the College extends its privileges to its own graduates and to graduates from other colleges of like standing, and it confers advanced degrees under conditions described elsewhere. Graduate students who are not candidates for a degree are also received.

MEMORIAL GIFTS.

The Board of Directors would encourage gifts in the form of endowments of various chairs of instruction. The sum of \$20,000 to \$30,000 subscribed in stock will secure to the subscriber the privilege of conferring a name on the chair so endowed and of nominating an

incumbent, subject to the approval of the board. Smaller amounts can be devoted to equally useful purposes. Subscriptions of \$1,000 to \$5,000 can be devoted to the founding of scholarships for the benefit of deserving young people who stand in need of assistance, and of prizes for the reward and encouragement of the ambitious. These scholarships would be awarded worthy students on competitive examinations and the recipients expected to assume some work as assistant instructors, thus rendering the faculty valuable and much needed help.

LOCATION AND BUILDINGS.

LOCATION.

The College is located at Irvington, a pleasant and healthful residence suburb of Indianapolis, from which city it is distant four miles, and with which it is connected by two railroads—the Pittsburgh, Cincinnati and St. Louis and the Cincinnati, Hamilton and Indianapolis, and also by electric street cars, making quick trips every thirteen minutes. It is thus easily accessible from all parts of the country. It can be reached from any part of the State within a few hours. Irvington is regarded as the most attractive place for suburban residence in the vicinity of Indianapolis. Its population consists chiefly of those who have been drawn thither by educational inducements. This gives it a special character of cultivation and good order, while as a home for students it is singularly free from the temptations and dangers often surrounding college life. There are no drinking saloons in the town or in its vicinity. However, the College does not offer itself as a reformatory institution, and it will not suffer the attendance of the wayward or idle. Its facilities are offered to those only who earnestly desire mental improvement.

MAIN COLLEGE BUILDING.

The main College building is of brick, trimmed with stone, having a frontage of 135 feet and a depth of 75 feet, containing in all twenty-four recitation rooms, besides halls, corridors, cloak and retiring rooms. It is heated throughout by steam, supplied with water and lighted by electricity; and in its internal finish and arrangements thoroughly suited to the purposes for which it was designed. For convenience, commodiousness and comfort it is all that could be desired.

LIBRARY HALL.

This building is three stories high, constructed of brick and trimmed with stone. It has a frontage of 100 feet and a depth of 55 feet. It contains six commodious recitation rooms, the museum hall, two music rooms and the library and reading rooms. The architecture is modern and exceedingly attractive, and all its appointments are well adapted to the uses for which the building was designed. The classes of the Preparatory department are now taught in this building, by experienced educators, and, under the present efficient organization, superior advantages are offered to students preparing for college.

ASTRONOMICAL OBSERVATORY.

An observatory building has been erected on the high ground in the northeast corner of the Campus. In its construction are embodied whatever conveniences are

necessary for the efficient use of the equatorial telescope. The building is octagonal, resting on a deep foundation, sided externally with sheet iron, and having a revolving dome, with sliding panel, giving unobstructed sky-view from horizon to zenith. The instrument rests on a pedestal, which stands on a column of brick and stone, which is protected from the effects of external temperature changes by a detached inclosing cylinder of the same material. The telescope is equatorially mounted by Fauth & Co., of Washington, with the usual adjuncts of declination and hour circles, and clock-work for diurnal rotation. The object glass of six inches diameter was made by the firm of Alvin Clark & Sons, of Boston, and, with the half dozen eye pieces, gives a perfection of work which does no discredit to the manufacturers. The focal distance of object glass is eight feet, and the magnifying power of the instrument ranges from seventy to five hundred diameters. The performance of the telescope, so far as tried here, has been very satisfactory. A large number of tolerably difficult double stars and nebulæ have been tried with the highest power and with good success. With the planets and satellites the lower powers, as usual, give the best results, including excellent definition.

COLLEGE RESIDENCE FOR WOMEN STUDENTS.

This is a tastefully and substantially constructed brick building, three stories high, containing large parlors, spacious dining room, wide halls, and thirty

well-ventilated rooms for young women. It is provided throughout with steam heat and electric lights. The entire building has been refitted and handsomely refurnished throughout. Young women here find a comfortable home, with pleasant surroundings and Christian influences, at a moderate price. They are expected to avail themselves of this opportunity. Especial attention is given in case of sickness. Everything necessary is furnished except napkins and towels. Price of board and room ranges from \$3 to \$3.50 per week, according to location of room.

BOARD FOR YOUNG MEN.

Young men lodging elsewhere may take their meals at the hall. Table board will be furnished at \$2.50 per week. For further information, address the superintendent.

LIBRARY.

The College library contains about six thousand volumes, chosen for the most part with special reference to the needs of students. Each department is furnished with important books pertaining to its work, and each year additions are made of the latest and best works in Science, Literature and Art. The cyclopedias, maps, lexicons, and the manuals of special sciences, are numerous and of the latest results in research. These afford students ample means of reference in their class studies and are sufficient for special or graduate courses of study. The reading room con-

nected with the library is spacious and well lighted. It receives regularly the best publications, weeklies, monthlies and quarterlies, of this country and Europe. The advantages of the library and reading room are open alike to all classes of students in the College.

The following periodicals are taken, and will be found on the tables in the reading room:

American Chemical Journal.	Hebraica.
American Geological Journal.	Homiletic Review.
American Historical Review.	Independent.
American Journal of Science.	Indianapolis Daily Journal.
American Naturalist.	Indianapolis Daily Sentinel.
American Journal of Philology.	Illustrirte Zeitung.
Astronomy and Astro-Physics.	Journal of Morphology.
Atlantic Monthly.	L'Illustration.
Bibliotheca Sacra.	Modern Language Notes.
Century Magazine.	Nation.
Christian Standard.	Nature.
Christian Evangelist.	New Christian Quarterly.
Christian Guide.	Nineteenth Century.
Christian Leader.	North American Review.
Civil Service Chronicle.	Philosophical Review.
Classical Review.	Popular Science Monthly.
Contemporary Review.	Political Science Quarterly.
Critic.	School Review.
Edinburg Review.	Scientific American.
Fliegende Blaetter.	Scientific American Supplement.
Forum.	Scribner's Magazine.
Harper's Monthly Magazine.	Yale Review.
Harper's Weekly Magazine.	

MUSEUM.

In the collections of the University there is abundant material for illustrating the sciences of Zoology, Mineralogy and Geology. Some of the materials have been

obtained by purchase, some have been contributed by the friends of the institution and some by the National museum, while a considerable portion has been collected by the professors who have occupied the chair of Natural History. The museum contains the following collections:

1. A series of fossils and rocks illustrating the geology of the Mississippi Valley, especially that of Indiana and Ohio.

2. A collection of the fresh water fishes of the United States, made principally by Drs. D. S. Jordan and O. P. Hay.

3. A contribution of marine fishes received from the United States National Museum.

4. Reptiles and amphibians of Indiana, collected by Dr. Hay and others.

5. A large collection of representative minerals.

6. Land, fresh-water and marine shells, including about four thousand specimens.

7. A considerable number of aboriginal stone implements from the United States.

8. A collection of marine invertebrates, mainly from the New England coast, deposited by Prof. Bruner.

9. Marine invertebrates from the Atlantic, Gulf and Pacific coasts, presented by the National Museum and the Fish Commission.

CHEMICAL LABORATORY.

The laboratory is well furnished for work, being conveniently arranged and supplied with gas, water, hoods,

means of ventilation, and all necessary chemicals and apparatus for work in all branches of the science provided for in the course of study. To each student is assigned his own desk with separate outfit of apparatus and chemicals. Students will be required to pay for all apparatus actually broken or injured.

The new laboratory is in Burgess Hall. It has accommodations for forty students.

BIOLOGICAL LABORATORY.

The laboratory is well equipped to meet the demands of the work undertaken. Dissecting instruments, slides and covers are supplied at cost. In case of breakage or injury to apparatus the loss must be borne by the student.

The laboratory is provided with its own working library.

THE GYMNASIUM BUILDING.

This structure has been designed and built for two especial purposes—one, to provide suitable quarters for physical culture; the other, to accommodate the boilers, engine and dynamos for warming and lighting the buildings and lighting the College grounds. This building is of deep-red brick trimmed with buff limestone, and is supported upon a massive stone foundation. The roof is trussed and covered with black slate. Within, on the east side, are the great boilers, from which all the buildings obtain their heat and the engine-room its power for generating the electric light.

Everything connected with this heating and lighting plant has received the most careful study and attention, and the apparatus and machinery selected are of the latest and most approved patterns.

The gymnasium is immediately in the rear of the above, and though externally a part of it, is entirely a structure of itself. The entrance is from the north through a large archway into an outer vestibule, through this to an inner vestibule, thence into the large hall 35 feet wide by 58 feet long, well lighted and ventilated.

At the north end of the building are the bath-rooms. Shower-baths and washstands are provided with fittings for hot and cold water and valves for regulating the temperature. The floors are encaustic tile, with marble base border; the walls are wainscoted with yellow pine, finished to show the natural wood. The large hall is finished in yellow pine; the floor is double, finished with hard oak. New sanitary fittings have also been added, so that the whole is one of the most complete buildings of its kind.

The gymnasium is furnished with the most important modern apparatus and equipped with all kinds of special machinery used in individual work to overcome deformities and physical weaknesses.

DEPARTMENTS OF INSTRUCTION.

THE BIBLE.

The educational purposes of the institution, by the terms of its organic law, are made to include religious instruction. Its charter expressly declares that one of the objects for which it is founded is "to teach and inculcate the Christian faith and Christian morality as taught in the sacred Scriptures;" and it was intended that this instruction should be, not sectarian nor even denominational, but broad, catholic and philanthropic as Christianity itself. In pursuance of this purpose the Bible is adopted as a text-book, and a regular course of study in it is prescribed as one of the conditions of graduation. Instruction is by carefully prepared lectures, students being required to study with care those portions of Scripture embraced in the lectures.

The scope of the work attempted in Bible instruction may be indicated by the following outline: (1) In the Old Testament: the Pentateuch, Joshua, Judges, the books of Samuel and other selected portions. (2) In the New Testament: the Gospels, the Book of Acts, the Epistles. In the study of the Gospels it is the aim to present a connected view of the events of the life of Christ in their orderly development, and also a compre-

hensive outline of His teaching. The study of the Book of Acts familiarizes the student with the establishment and growth of the church in the Apostolic age. The Epistles are taught by giving an introductory account of the purposes for which each epistle was written, and one epistle, usually the Roman letter, is made the subject of careful study, by analyzing its contents and its course of reasoning.

PHILOSOPHY.

(1) Psychology.—Instruction is given by lectures and text-book. The lectures are designed to introduce new topics not treated in the text or to give more ample discussion to subjects but partially treated by the author. Class discussions are encouraged, and essays on selected subjects are required. The University library is well supplied with the best authors on this subject.

(2) Logic.—The laws of pure thought are carefully analyzed, the principles of deductive and inductive reasoning fully explained, and almost daily praxis given in application of the principles and methods of the science. Thus the student gains a quick perception of relations and a ready application of principles to any form of thought.

(3) History of Philosophy.—A full outline of the subject and the progress of philosophical thought is given in a course of lectures covering the period from the origin of philosophy in Greece to the time of the Reformation and introducing the student to the essential principles of the French, German, English and Scotch schools of

philosophy, with criticism on their validity and their value. Each student is assigned a subject for investigation and is required to present a thesis to be read before the class.

CIVICS.

The purpose of this department of instruction is to give to students preparing for business life or for the legal profession such practical and disciplinary studies as shall form a fitting introduction to more advanced professional study. The following will serve to indicate the scope of the work offered, which is carried on through two years:

The first year is given to the study of Political Economy, Sociology, and the Constitution of the United States.

Political Economy is studied in such works as Walker or Ely, with incidental reference to social questions.

Sociology is taught by lectures, giving the history and principles governing social relations, and discussing the theories of modern socialism.

The study of the Constitution of the United States is taken up. The origin of the Constitution is discussed and an analysis of its contents made.

The second year is given to the study of Roman Law, the Constitutional History of England, and the Political and Constitutional History of the United

States, from Washington to Lincoln, and in the order in which these subjects are mentioned above.

SOCIAL AND EDUCATIONAL SCIENCE.

In this department an effort will be made to trace out the development of some of the leading social and educational problems of our times. In the study of society a two-fold view will be taken—(1) its present condition, (2) its evolution, and in the light of these the attention of the students will be directed to (3) its present tendencies. The educational problems will receive attention from the standpoint of psychology, but will be emphasized from the standpoint of sociology.

MATHEMATICS.

This department aims to secure (1) general intellectual discipline, and (2) the particular training and knowledge necessary for the needs of life and possible future mathematical work.

To secure the first result the student, while pursuing any branch, will be required to show evidence of clear comprehension of terms and processes of reasoning; to give, with fullness, the steps leading to conclusions, with the authority for statements made. Terms and processes will be classified, when possible, both for disciplinary and mnemonic reasons, both principles and formulæ being thus appropriately disposed, ready for instant use.

The utility of principles, both for general explana-

tion and solution of specific problems, will be illustrated by numerous original examples.

The future needs of the student in higher and special mathematical work will be, so far as possible, provided for by a continued recurrence to those principles in the lower mathematics which have the widest application in after work.

The possible elections of the last three years of the course will, it is hoped, lay an excellent foundation for any higher study in mathematical lines to which the student may be inclined.

For advanced work in Algebra, Analytics, Functions, Modern Algebra and Geometry, Mechanics, Determinants, Astronomy, etc., the College library is well equipped with the best books of reference in the English, French and German languages.

LATIN.

The aim of the work in Latin is:

(1) To teach the student of fair ability and industry to read Latin understandingly and rapidly. In order to the attainment of this end, during the earlier part of the course, special attention is given to forms, constructions and idioms. The reading of authors is accompanied with careful solution of whatever grammatical questions the text may present. The principal part of the syntactical instruction, however, is given through exercises in Latin writing, such exercises being associated daily with the regular work in reading and translating Latin authors. Latin composition is practiced

as a means, experience having shown it to be the most effectual, for gaining an insight into the structure, idiom and spirit of the language.

(2) To make the student acquainted with the literature of the language. This is accomplished by reading considerable portions of the more important authors and by the formal study of the history of Roman literature.

(3) To afford opportunity for acquaintance with Roman public and private life. To this end collateral reading in Roman history is assigned together with the study of the archæology of Roman life, social and political.

(4) To prepare students to become instructors in Latin. In order to meet the requirements of such there will be given when desired a year's course in review of the authors usually read in secondary schools, attention being directed to the chief points deserving emphasis in the teaching of these authors. Such questions as pronunciation, methods of teaching the elements of the language, etc., will be discussed, the object being to enable such as intend to teach to enter upon their work intelligently.

Graduate courses in Latin are offered students having taken Latin through all the years of the undergraduate course, to whom only are such courses open.

GREEK DEPARTMENT.

The aims of this department are:

(1) Discipline. An accurate knowledge of the forms will be insisted upon, particularly in the first years of work. Grammatical points and idiomatic expressions will be discussed in the class. This will be done by the writing of Greek prose as well as from the author read.

(2) A knowledge of the literature, history and mythology of the Greeks. It is the purpose to reach this by the reading of authors from Homer to Lucian. The main point will be the study of the literary merits of the author read, together with a careful investigation into the conditions under which he wrote and the times in which he lived. It is hoped thus to have courses in reading covering the epic poets, the tragedians, the comedians, the orators and the historians. History will be studied by the assignment of periods to individual students to be reported upon before the class. The lives of generals and statesmen will be assigned in the same way. The instructor will, by means of photographs and lectures, present the latest discoveries in archæology.

(3) The preparation of teachers of Greek. Special attention will be given such students, particularly in the Junior and Senior years. The more difficult points in Greek Grammar will be examined. Graduate courses will be arranged for students who elect Greek in the

Junior and Senior years, to whom only are such courses open.

Instruction in Modern Greek will be a feature in the elective classes hereafter. Modern Greek fiction, poetry and history will be read.

ENGLISH LITERATURE.

The English course extends through the four College years. Since, whatever a man's vocation may be, he should possess active literary interests for his instruction and enjoyment, the intention of this department is to develop in the student a critical appreciation of the best in English thought.

The Rhetoric and Composition of the first two years are designed to train the student in correct expression, and especially in clear thinking, and the best selection and collocation of ideas. The exercises are in different kinds of composition, as narration, description, exposition, and especially on various kinds of subjects—historical, biographical and literary.

In the Freshman and Sophomore years the eighteenth and nineteenth centuries have been chosen for special study as the periods best adapted to awaken an independent interest in literary study, out of which good judgment and correct taste will naturally develop. Constant reference is made to the library, with purpose to create a love for books and guide to a right use of them.

The work of the Junior and Senior years is intended to supplement the study of literature begun in the pre-

vious years and can not be taken before the Freshman and Sophomore years have been completed. Anglo-Saxon is offered as an alternative only in the Senior year.

Graduate courses in this department are open only to students who have completed the four years' undergraduate course.

GERMAN.

The primary aim of the course in German is to secure to the student such knowledge of the principles and vocabulary of the language as will enable him to read an ordinary work without the aid of grammar or dictionary. It is not thought best to devote any considerable amount of the regular class time to conversation, since the speaking use of the language is only a secondary aim. With an extensive vocabulary and a thorough knowledge of the principles of the grammar at his command, the student possesses the surest means of acquiring fluency in speaking when brought in contact with native Germans.

Much attention will be devoted to word-analysis and to the study of the affixes and their functions, the aim being to quicken the student's observation and perception of forms. Fully one-half of the time of the first four years will be devoted to composition, and frequent reviews will serve to fix in the student's mind the forms and expressions thus used. The material for composition will consist not only of that given in the composition books, but also of that furnished by the instructor, and formed from the texts used in reading.

The translation of the German into English is regarded as a most valuable means of training the student in his own language, particularly in the precise use of words. To this end, careless translations will not be tolerated, and after care has been taken to ascertain if the meaning in German is thoroughly understood, a smooth, idiomatic English rendering of the passage in question will be required. Experience has shown that there is perhaps no more certain means of training the student in English expression than by requiring of him careful and exact translations from other languages.

The last two years of the course will be devoted to the study of the history of the literature, together with reading of the representative authors, both in and out of class. This work will not be confined to any one text-book, but will be somewhat topical in nature, for which the libraries of the college and of the professor of the department will be at the command of the student.

FRENCH.

Instruction in the department of French is for the purpose of giving the student a reading knowledge of the language, familiarity with its idioms and syntax, an acquaintance with its origin, history and literature, and an understanding of contemporary life and events in France.

The reading and translation of connected prose and verse are commenced so soon as possible. Grammatical forms are studied in the text and separately, and

exercise in translation from English into French is used to fix idioms and constructions in the memory. Texts read in class are ordinarily used as the basis for such exercise.

Etymologies of French words derived from the Latin and of English words derived from the French are studied in order to attain a clearer comprehension of the sources, structure and significance of the French and the English word, as well as for the purpose of giving training in the principles of philology.

After the introductory reading of the first year, the work is so arranged as to afford a systematic review of the literary history of France. Masterpieces of the authors of each period are read and discussed in connection with studies of the literary tendencies and social and political conditions of that period.

Modern French life and institutions, as set forth in the criticism, the periodicals and the theater of the present are considered, and a general knowledge of current events and contemporary politics is insisted upon.

GEOLOGY.

The work offered in Geology consists of a continuous course through the year. It is the aim to present that which is most interesting to the student and at the same time most valuable to the average citizen. Crystallography is made the starting point of the course and lays a foundation for Mineralogy. In both of these it is expected that the student will become familiar with the more common forms. Lithology is then

taken up and the more abundant rocks are studied with care. The museum collections furnish sufficient material for illustration and study.

In Geology proper a beginning is made by a consideration of the dynamical agencies now at work on the earth's surface. The early history of the globe is then sketched, and afterwards the geological development of the North American Continent is reviewed with special attention to details in the United States. The history of the earth and its inhabitants is viewed as one development—the expression of one plan which reached its culmination in man.

Among special topics which are treated somewhat fully may be mentioned earthquakes, geysers, coral reefs and islands, glaciers, metamorphism, and the origin and distribution of ores, coal, oil and gas.

Occasional excursions are made to points of interest, Geological sections and maps are made and the textbook is still further supplemented by reference to current literature.

BIOLOGY.

This department aims (1) to meet the requirements of liberal education, (2) to prepare students for teaching, investigation and medicine.

The work of the earlier years of the course is designed partly to meet the first demand, and partly to furnish a foundation for advanced studies. During the first year general principles are emphasized. Plants and animals are studied side by side, beginning with sim-

ple forms and including representatives of all the principal types. Then the higher plants and the higher animals are treated separately. One year is given to the Morphology and Physiology of the flowering plants and ferns. The study of Vertebrates occupies two years. The needs of both the general and the special student are provided for. The election of the Senior year offers an opportunity for more extended study in certain directions.

Laboratory work occupies a prominent place throughout the course. Instruments and methods of investigation receive special attention. Faithful records of work done, by means of notes and drawings, are insisted on.

Discipline is afforded by the practice of accurate methods, by thorough study of a few types, and by the constant use of the precise terms of science. Independence in investigation is encouraged, and is a necessary condition to admission to advanced work.

PHYSICS.

The course in Physics extends through one year. With the requirement of one one-half year in the elements for admission, this gives opportunity for tolerably advanced work. Although no individual laboratory work is done, the recitations and lectures are well illustrated by experiments designed to show the methods of reasoning by which physical laws are established.

It is the purpose of the course to enable the student to understand the application of the theories and prin-

ciples of the science to the construction and running of machinery, the making of scientific instruments, to various purposes in the arts, etc.

Much attention is paid to the solution of problems. To do the work satisfactorily students need to have studied mathematics through Plane Trigonometry.

Subjects are studied in the following order: Mechanics, Heat, Sound, Light, Magnetism and Electricity.

For students pursuing distinctively scientific courses a more radical treatment of statics and dynamics by the aid of the differential and integral calculus is provided.

CHEMISTRY.

This whole course is designed to illustrate the general laws of chemical science in a comprehensive and practical way. The aim is to lead the student not only to observe and to become familiar with the fundamental facts of chemistry, but also to understand, as far as possible, the proper connection between observed facts and phenomena and the laws and principles of the science, so that discipline of mind as well as scientific and practical knowledge may be acquired. To these ends, the Department of Chemistry aims to present the study in a scientific way—to develop the subject by a carefully ordered series of lectures and experiments illustrative of the laws and principles of chemistry as well as of the properties and conduct of the particular elements studied.

From the first, students supplement the work of textbook and lecture-room with individual work in the laboratory, performing such experiments as will make them at once familiar with the use of apparatus and the observation of chemical phenomena in general. This work is done under the supervision and direction of the professor, each student making careful notes of the results of his work. Much attention is given to writing chemical reactions and making chemical calculations.

After students are well grounded in the facts and laws of the science in general, the aim is to give much practical work in the detection of bases and acids, the analysis of salts, alloys and ores, in both gravimetric and volumetric methods of quantitative analysis, in the examination of waters, dairy products, urine, etc., and in the detection of poisons. Students intending to take a course in medicine are permitted to modify their work with reference to their special needs, as far as the wishes of the class and the time of the instructor will permit.

In organic chemistry the derivation of the various classes of organic compounds from the simple hydrocarbons is systematically considered. Much attention is given to the theory of structural formulæ, stereochemistry and kindred subjects. Laboratory work in the preparation of typical organic compounds is carried on, practice is given in the principal methods and manipulations of organic work, in distillation, melting point determinations, in purification of solids by frac-

tional crystallization, in organic analysis by combustions, etc.

HISTORY.

Work in the Department of History is intended to serve several purposes. A primary object is to obtain an insight into the origins and development of modern civilization, as well as an understanding of the causes, meaning and results of the great crises of history. The student is required to look beyond mere facts to the motives and spirit of the age and the nation, to study social conditions, religious movements and political principles. Original investigation is encouraged and independent judgment of disputed questions is required.

The study of the growth of modern Europe, its governments and institutions, from mediæval states and society, is intended to show the sources from which the American nation and constitution have sprung, and to help to an understanding of current events abroad. A further aim is to give to the student that breadth of sympathy and judgment that comes from a comprehension of the development and relations of peoples, literatures and ideas.

ELOCUTION AND ORATORY.

The work in the department of Elocution includes the study and practice of skillful respiration, a knowledge of physical culture as a factor in elocutionary studies in vocalization, othoepy, orthophony, modula-

tion, inflection, gesture, and all the vocal and visible signs required in correctness of speech and refinement of manner; also drill in analysis and synthesis of extracts from literary productions.

Oratory commences with the Freshman year. Special attention is given to its purpose, its forms, and the elements of its power—the study and analysis of extracts from British, American, Greek, and Latin orations, committing and delivering short passages, making a paraphrase of the same, original orations, extemporaneous addresses.

Sophomore year continues the study of orations, written and critical analysis of them, transposition, impromptu and extemporaneous addresses, and original orations.

PHYSICAL CULTURE.

The work in physical culture is based upon careful physical examinations made by the Director, at the beginning of each term. All examinations are recorded and, according to these records, each student is given exercises which specially tend to develop him in the weak parts, so that he may become a physically symmetrical man. To this work the student is required to devote a few minutes' time each day.

Class exercise is also held to be beneficial; in this all students enrolled engage, more general exercises, of which every one should be capable, being used. Military drill, free-hand, dumb-bell, Indian club exercises, work on gymnastic apparatus, with which we are suf-

ficiently supplied for present needs, and gymnastic games are features of class work.

All exercises are taken under, and in the presence of the Director, or some competent assistant, in whose absence the gymnasium is closed. Dangerous exercises are not encouraged, since the department does not aim to develop athletes. All students, except Juniors and Seniors, unless debarred by some physical disability, for which a certificate from some competent physician must be presented, are required to spend at least two hours per week in class or special exercises in this department.

In addition to the regular work in exercises, attention is called to many physiological and anatomical facts, students being required to locate the important organs and muscles, and note the effect of the various exercises on the different parts of the body. A more lasting benefit is thus secured than could be given by merely following out the exercises as given. Much good is being done, many of the students being rendered more capable of doing with ease the work necessary in the preparation of their various studies by reason of the better balance between physical and mental exertion.

To the young ladies are given, under an instructor of their own sex, such exercises as will strengthen without overtaxing the vital organs and nerve centers, and give freedom to the entire body.

The Emerson system, which is used, includes exercises for developing every part of the body. These exercises are of special advantage to students. Many

have been cured of chronic dyspepsia, nervousness, headache, and other diseases peculiar to those who lead a sedentary life. In addition to the Emerson system, the free-hand exercises, wands, dumb-bells, and Indian clubs are used.

SUMMER SCHOOL.

A summer school of six weeks' duration is conducted each year from the latter part of June to a date early in August. Students are expected to take not over two courses of work, and the work in each course will be double the amount taken in the same time in the regular terms. The courses offered will vary somewhat from year to year.

The work of this school is of especial value to two classes of students. (1) Those who are slightly deficient in some line of regular work can take advantage of the summer term and make up their deficiency. This applies alike to those who have been in residence and to those who are just purposing entrance. In general, work done in the summer school will be duly credited on work looking to a degree. (2) Many who are interested in the subjects of higher education, but who are not in position to pursue their studies during the regular college year, are in this way given opportunity to make advance in their chosen lines of investigation and to keep in touch with the progress of the age.

A special prospectus of the coming session is issued each year about the first of January, and will be furnished free upon application.

ADMISSION.

Candidates for admission must furnish satisfactory evidence of good character, and those coming from other colleges must bring a certificate of honorable dismissal. No student is considered fully a member of his class, or of the institution, until he has passed at least one term satisfactorily to the Faculty, during which time he may be assigned to another class, or, if his connection with the college is deemed undesirable, may be privately dismissed.

ENTRANCE EXAMINATIONS.

Examinations in all the subjects required for admission are held in June and September. (See Calendar.)

REQUIREMENTS FOR ADMISSION.

All candidates for admission, except those provided with certificates or diplomas as specified below, are examined as follows, but only two of the three languages, Greek, Latin and German, are required:

ENGLISH: The elements of Rhetoric as found in Williams' textbook or some other standard work, together with an English composition, correct in spelling, punctuation, division into paragraphs, grammar and expression, based on some subject to be announced at the time of the examination. In 1896

the subjects will be chosen from Irving's *Sketch Book*, Lowell's *Vision of Sir Launfal*, Scott's *Lady of the Lake* and *Ivanhoe*, Shakespeare's *Merchant of Venice*, and Tennyson's *Idylls of the King*.

MATHEMATICS: The candidate is required to furnish satisfactory evidence of having completed the study of Arithmetic, Algebra to the general binomial formula, and Plane Geometry with all the accompanying exercises. These branches must be represented by the most advanced text-books of Wentworth in each, or an equivalent. Particularly: (1) in *Arithmetic*, all definitions, tables for weights and measures (including the metric), fractions, common and decimal, percentage and its applications, ratio, proportion, square and cube roots, etc.; (2) in *Algebra*, definitions and fundamental rules, factoring, elimination, involution, evolution, equations of the first and second degrees, radicals, ratio, proportion, variation, indeterminate equations, arithmetical and geometrical progressions; (3) in Plane Geometry, definitions, propositions, problems, and original work.

GREEK: (1) All Attic forms with accents. Four books of Xenophon's *Anabasis* with Xenophon's *Symposium*. (2) Greek Prose Composition (Jones's *Greek Prose Composition* or the first two parts of Allison's). Equivalents may be offered. Preparation for this examination requires two years' work with at least four recitations per week.

GERMAN: Harris's *Composition* together with some three hundred pages of easy prose such as that of Riehl, Hauff, and Heyse. Thorough acquaintance with grammatical forms and rules is required, special attention being given to strong verbs, gender and plurals of nouns, word formation, and inflection. The prose reading mentioned should have been preceded by one year's study of some such grammar as Joynes-Meissner or Collar's *Eysenbach*, together with easy reading.

LATIN: Candidates are examined (1) in the following authors with questions on subject-matter, constructions, and the formation and inflection of words: Cæsar, four books of the *Gallic War*; Cicero, six orations; Virgil, five books of the *Æneid*, with prosody; (2) in the translation at sight of pas-

sages of average difficulty from Caesar and Cicero; and (3) in the translation into Latin of a piece of connected English based on principles contained in first forty-six lessons of Allen's Introduction to Latin Prose Composition. Thorough acquaintance with grammatical forms and rules is required. The rules of quantity should be learned along with the declensions and conjugations. Three years' time is regarded as necessary to do properly the above work. In the reading of the authors named, the following sequence is recommended: Caesar, Cicero, Virgil. The method of pronunciation of Latin used in this college is the Roman as given in the report of the committee on Secondary School Studies appointed at the meeting of the National Educational Association July 9, 1892.

HISTORY: Candidates are examined in Myers's General History, with special attention to the sections devoted to Greece and Rome.

CIVIL GOVERNMENT: Fiske's *Civil Government of the United States*, or an equivalent.

PHYSICS: Gage's *Elements of Physics*, or an equivalent.

BOTANY: Spalding's *Introduction to Botany*, or an equivalent.

OPTIONAL STUDENTS.

An applicant for admission, not a candidate for a degree, having passed the examinations required for admission, may be allowed to register as an *optional student*, and elect such work as may be open to him; such applicant, however, unless of mature years, will be required to bring written request from parent or guardian, otherwise he will be assigned work in one of the regular courses of study.

SPECIAL STUDENTS.

An applicant at least 21 years of age may be admitted as *special student* on recommendation of a commit-

tee of the faculty appointed for the purpose of considering such applications. A student thus applying will not be required to make the regular entrance examinations, but merely to pass such of them as shall suffice to show that he is prepared to do profitable work in the special line selected. The committee appointed to consider special applications, as at present constituted, consists of Professors Iden, Howe and Wilson, and application should be made directly to these.

ADMISSION TO FRESHMAN CLASS WITHOUT EXAMINATION.

Certificates of work done in public or private schools of approved standing are accepted in lieu of examinations, subject to the following conditions:

1. The student's application for admission must be accompanied by a certificate from the principal of the school from which he comes.

2. This certificate must furnish full and specific information concerning the applicant's studies, the time that he has devoted to them, and should indicate, by means of the usual marks, his proficiency therein.

3. The candidate presenting the certificate of a principal, will, however, not be exempted from the entrance examination in any particular subject unless his certificate shows that he has satisfactorily accomplished the full amount of work in that subject.

And further, in harmony with a recommendation adopted at a meeting of the college presidents of Indiana, held at Indianapolis, November 17, 1893, every

candidate for admission to college, whether from a commissioned high-school or other, shall be subject to examination in English for the purpose of determining his ability to use the English language correctly.

4. Admission on certificate will, in every case, for the first term, be regarded as merely *provisional*. Should the student, after a term's residence, be found to be unable to pass the examinations of the class to which he has been temporarily assigned, he will be required to accept such other classification as may be deemed equitable.

ADMISSION TO ADVANCED STANDING.

A candidate for admission coming from another college must present, along with the catalogue of the institution in which he has studied, a careful statement, duly certified, of the studies which he has pursued and the degree of proficiency attained therein; in which case he will be admitted provisionally to such standing as the faculty may deem equitable. The standing of a student thus admitted, however, shall not be regarded as confirmed until he shall have given proof of ability to do satisfactorily the work of the class to which he has been temporarily assigned. If by the close of the first term following his admission he shall have failed in this, he will be required to take the position and rank for which, in the judgment of the Faculty, he may be fitted.

RESIDENCE.

REGISTRATION.

Students register at the beginning of the session for the work of the whole year, obtaining blank forms at the office of the President, to whom application must be made. No credit will be allowed for work not so registered. Changes in registration after the first week will not be allowed except by special permission of the Faculty.

RELIGIOUS DUTIES.

All students are expected to attend daily morning devotional exercises in the College chapel, and, on Lord's Day, religious services at such place of public worship as each may elect.

CLASS EXERCISES.

The courses of study are all the same in amount and time required for their completion: Sixteen hours recitation per week, through four years, two hours of laboratory work being regarded as the equivalent of

one of recitation. No student will be graduated until he shall have passed successfully in work which, including all the requirements of his course, shall amount to an aggregate of sixteen hours a week, during the whole of four years.

FINAL EXAMINATIONS OF THE TERMS.

Regular class examinations are held at the end of each term. Failure at examination entails forfeiture of position in class. A student taking an examination at a time other than that appointed for his class must first pay to the Treasurer, for the benefit of the library fund, the sum of one dollar.

A student failing in class examination may be granted separate examination under the above condition. But all deferred examinations must be made good within one term after omission or failure, otherwise the student will be required to go over the work again in class a year later, and so long as a student is in arrears with any of his examinations he shall not be eligible to *exemption* (see below) in the department in which such examinations are due.

EXEMPTION FROM EXAMINATION.

A student, at the discretion of the professor in charge, may be exempted from the final examination of his class in any department, provided he has attained a certain specified degree of excellence in the work done,

and provided further he has been present, from beginning to end, at every exercise held by his class in that department during the term. By resolution of the faculty, hereafter no exception will be made to this rule.

CLASSIFICATION OF STUDENTS.

A degree of laxness is sometimes hard to avoid in the classification of Freshmen and Sophomores, but no student will be classed as Junior until he shall have registered the full requirements of the Junior year and all deficiencies of former years.

TERM REPORTS.

During the last week of each term a report of the attendance and proficiency of each student is prepared and sent to his parent or guardian, who is earnestly requested to give such report careful attention, or to notify the secretary of any failure to receive it.

PRIZE ORATIONS.

The Board of Directors offers, on the following conditions, two prizes, first and second, to members of the Sophomore class who shall compose and deliver English orations. The orations shall not exceed fifteen minutes in delivery. The faculty, or a committee appointed by them, shall judge of the thought, composition and elocution. The orator receiving the highest grade shall receive the first prize, the next highest, the second prize.

SUCCESSFUL PRIZE CONTESTANTS.

The following record is from the opening of the spring term '95 to the close of the winter term '96.

1. June, 1895.—*Sophomore Class Essays*,
1st Prize—JESSIE LANIER CHRISTIAN, Indianapolis.
2d Prize—EMMA STRADLING, Indianapolis.
2. June, 1895.—*Sophomore Class Orations*,
1st Prize—THOMAS ROERTY SHIPP, Irvington.
2d Prize—GEORGE WASHINGTON KNEPPER, Somerset, Pa.
3. June, 1895.—*Graydon Memento Prize in Greek*,
JESSIE LANIER CHRISTIAN, Indianapolis.
4. June, 1895.—*Preparatory Department Declamation*,
1st Prize—BESSIE MAXON BANNING, Irvington.
2d Prize—DAISY MAY VAN VLECK, Wagar, Ala.
3d Prize—ELIZABETH ANNE BUTLER, Irvington.
5. March, 1896.—*Representative in State Oratorical Contest*,
EDWARD WILLIAM CLARK, Indianapolis.

PAYMENTS TO THE COLLEGE.

The fees for tuition, incidentals, apparatus, and library are payable at the beginning of each term, before enrollment in class. They amount to twelve dollars per term, as follows:

Tuition fee, \$6 in scrip, costing.....	\$ 50
Incidental fee.....	10 00
Library fee.....	1 50
	<hr/>
Total per term..	\$12 00

A special fee is charged students having work in Chemistry and Biology, viz.:

One course per term.....	\$2 00
Two courses per term.....	3 00

In addition to the above fees, there is to be taken into account a gymnasium suit, the price of which is about \$1.50.

The tuition fees of non-resident graduate students are one-half the regular rate plus the usual fee for special examinations.

There is no extra fee for elocution or gymnastics.

An extra fee is charged for special examination (see p. 58).

A fee of \$5 to cover expenses of graduation, degree, etc., is charged each person taking the baccalaureate degree. This fee must be paid before the degree is conferred. The fee charged for an advanced degree is ten dollars, which must be paid before the degree is conferred. No money is refunded to a student leaving during term time.

EXPENSES OF RESIDENCE.

Following are estimates of yearly expenses, calculated for a session of thirty-six weeks:

	Lowest.	Liberal.	Highest.
Tuition per year (three terms at \$12)...	\$36	\$42	\$45
Room, board, lights and fuel.....	126	144	175
Books.....	20	30	40
	<hr/>	<hr/>	<hr/>
	\$182	\$216	\$260

The first estimate is low as regards rooms, board, etc., being based on the lowest charge made at College boarding-hall; the second estimate is liberal, having for its basis the usual charge for boarding in Irvington; the third estimate is exceptionally high.

GRADUATION.

AMOUNT OF WORK REQUIRED.

All the courses leading to the baccalaureate degree require each four years for their completion, except in case of admission to advanced standing, as elsewhere provided, but a candidate for admission to advanced standing will not be received after the first term of the year in which he proposes to graduate. Sixteen hours of recitations per week throughout the four years are provided, and no student will be allowed to exceed this number except by special permission of the faculty—which permission will not be granted until the candidate has been in the College at least one year.

BACCALAUREATE DEGREES.

I. The degree of Bachelor of Arts is conferred on students who complete the required amount of work in one of the regular courses as elsewhere prescribed (see pp. 75–89), and pass satisfactory examinations in the same.

BACCALAUREATE THESES.

A thesis is required of every candidate for the Bachelor's degree. It must be in the line of the student's

main work during his Junior and Senior years, and its subject will be selected with the concurrence of the professor in charge of the study to which it belongs. This selection of subject must be made and reported to the faculty not later than the last Saturday before the Christmas holidays. Should a student fail to report such selection, a subject will be assigned him by the faculty. The thesis in its completed form must be submitted to the professor in charge not later than the fourth Thursday before Commencement Day, and to be acceptable must have the character of a scholarly dissertation on the subject chosen. The candidate for graduation, after approval of his thesis by the faculty, and before he can receive his diploma, must furnish a copy to be deposited in the Library. Special paper is provided for this, which may be obtained from the Librarian. Should a student fail to submit his thesis as above indicated, then, in order to secure its acceptance, he will be required to appear before the faculty and furnish good and sufficient reasons for his delinquency.

ADVANCED DEGREES.

Courses of graduate study leading to advanced degrees are provided in the various departments, and such degrees are conferred as follows:

I. The degree of Master of Arts is conferred on any student who has taken the corresponding baccalaureate degree here or in other college of equal requirements, on the following conditions: (1) In case of non-resi-

dence the candidate for Master's degree is required to pursue a course of graduate study for two years under direction of the faculty, pass satisfactory examinations and present a thesis on one of the subjects studied.

(2) In case of residence the candidate is allowed to limit his course of study to one year, provided that he, during that time, attend regularly all the exercises that may be assigned him, pass satisfactory examinations and present a thesis on one of the subjects studied. The work of candidates for Master's degree may consist (a) of subjects especially assigned to individual students and (b) of lines of study to be selected, under the direction of the faculty, from under-graduate elective work, which, in the case of resident students may, in certain cases, be pursued along with under-graduate classes; but no work done by a student while yet an under-graduate shall be allowed to count anything toward fulfilling the requirements of a graduate course. Copy of thesis to be deposited in the Library as above indicated under *Baccalaureate Thesis*.

II. The degree of Doctor of Philosophy is conferred on graduates of this University or of any other institution authorized to confer the Bachelor's degree, on the following conditions: (a) The course of study shall occupy three years, two of which must be spent in residence at the University, and one year's study may be spent in non-residence; (b) The work required will be in one major study extending through the course. Other minor studies, not less than two, may be taken for a shorter time; (c) A meritorious thesis on some

subject of original investigation shall be presented to the faculty at the close of the course, and as a condition of the degree. Copy of thesis to be deposited in Library as above indicated.

SUMMER SCHOOL.

For special prospectus of the summer session of 1897, including courses of study, fees, etc., address, E. B. BRYAN, Professor of Social and Educational Science; or, THE SECRETARY, Butler College, University of Indianapolis, Irvington (Indianapolis), Ind.

COURSES OF STUDY

LEADING TO THE DEGREE OF BACHELOR OF ARTS.

A selection of courses may be made conformably with any of the following outlines:

- I. GENERAL COURSE (*a*): Two of the three languages, Latin, Greek, German; Mathematics, English, Bible, Biology (General Biology) or Chemistry (General Chemistry with text-book, lectures, and laboratory work), French, Philosophy (Psychology, Logic, History of Philosophy), Physics, History.
- II. GENERAL COURSE (*b*): Two of the three sciences, Biology (General Biology, Botany, Vertebrate Anatomy, Histology, Embryology and Bacteriology), Chemistry, Mathematics; English, Bible, French, Physics, Astronomy, one of the three languages, Latin, Greek, German.
- III. PRE-LAW COURSE: Two of the three languages, Latin, Greek, German; Mathematics, English, Bible, French, Civics (Political Economy, American Government, Sociology, Roman Law, Feudal System, Ancient Law), Chemistry, Psychology, Logic, History.
- IV. PRE-MEDICAL COURSE: Chemistry, Biology (General Biology, Vertebrate Anatomy, Histology and Embryology, Physiology, Bacteriology), Human Anatomy, Materia Medica, English, French, one of the three languages, Latin, Greek, German; Mathematics, Chemistry, Physics.

FRESHMAN YEAR.

REQUIRED.—*English, Elocution, Mathematics, Physical Culture and two of the four subjects, Latin, Greek, German, Biology.*

I. BIOLOGY.

Th., Fri., Sat., 10-12.

General Biology: A study of the structure, functions, and development of typical plants and animals. An introduction to Botany, to Zoology, and to the general principles of Biology. The following list of organisms will indicate the range and character of the work: amœba, arcella, pleurococcus, yeast, bacteria, euglena, paramœcium, vorticella, globigerina, diatoms, mucor, penicillium, spirogyra, laminaria, chara, moss, fern, hydra, earthworm, mussel, cray-fish, frog. Parker's Elementary Biology and Huxley and Martin's Practical Biology are used.

II. ELOCUTION.

Sat., 2.

Exercises in breathing, vocal culture, position and gesture. Elements of pitch, time, force and emphasis, with their practical application to selections. Analysis and memorizing of representative extracts from orations. Practice in extemporaneous speaking. More extended work in Oratory and Shakespearian reading may be taken in Sophomore year if desired.

III. ENGLISH.

Tu., 10; Th., Fri., 2.

(a) Rhetoric: Essays and Analyses. Text-book: Carpenter. (*One hour per week throughout the year.*)

(b) Survey of English literature illustrated with representative authors. (*Two hours per week first term.*)

(c) Literature: Study of the Eighteenth Century authors, Dryden, Pope, Swift, Defoe, Addison, Steele, Collins, Gray, Johnson, Goldsmith, Gibbon, Burke. (*Two hours per week, second and third terms.*)

IV. GERMAN.

Tu., 8 and 9; Wed., 9; Th., Sat., 8.

Before admission to the Freshman class, the student is expected to have acquired a very considerable vocabulary. The learning of words and idioms occurring in course of reading is at all times emphasized. The reading

during the year consists of works bearing upon German life, or upon certain periods of the history. Freytag's *Doktor Luther* and *Bilder aus der deutschen Vergangenheit*, Heinrich von Sybel's *Erhebung Europas* and Immermann's *Oberhof* are some of the texts used. Reading three hours a week. Composition one hour a week, for which Jagemann's German Prose Composition is required.

Special Course in Reading: Students electing Biology in the Freshman year will devote one hour per week (Tu., 9) to reading Dippold's Scientific Reader.

V. GREEK.

Tu., 9; Th., Fr., Sat., 10.

Xenophon's *Hellenica* and *Memorabilia*, selections from Herodotus. Writing of Greek prose during the year. Either Allison's or Wilkin's manual will be used. The authors are read in the order mentioned. Three points are to be especially studied during this year—an accurate knowledge of the forms and syntax, the pronunciation of the Greek as expressive of thought, translation into good English. Students should have a classical atlas and dictionary of antiquities.

VI. HISTORY.

Wed., 10; Fri., 8.

English (one hour per week). Text: Montgomery's *Leading Facts of English History*. Instruction from the text-book is supplemented by lectures and by reading in Green, Gardiner, and works covering special periods, and written reviews are required at regular intervals.

VII. LATIN.

Tu., 9; Th., Fri., Sat., 11.

Cicero, *De Senectute*; Livy, Book XXI; Horace, *Odes* and *Epodes*; Latin Writing; Mythology; Horatian Metres. The work runs through the year, the above authors being taken in the order named. Concurrent with the critical reading of these authors is daily practice in writing Latin—this as a means, the surest means, whereby the student may obtain firm grasp of the structure of the language. The writing is at sight on material furnished by the writers read—mainly the *De Senectute*.

Students admitted to the Freshman class are required to be familiar with some such outline of Roman history as

that of Myers. Where deficiencies in this regard are shown a review will be required.

In connection with the reading of Horace's odes due attention is given the subject of Greek and Roman mythology, particularly with a view to emphasizing its great influence on literature and art.

Besides the texts mentioned above, the student must be provided with Allen & Greenough's Latin Grammar, Lewis's Latin Dictionary, Guerber's Myths of Greece and Rome and a classical atlas.

VIII. MATHEMATICS.

Tu., Wed., 11; Fri., 9.

Solid geometry, with a large selection of original problems and theorems, will be required. The resulting mensuration formulæ will be memorized and illustrated by examples. The advanced parts of algebra will be studied, embracing the logarithmic and binomial formulæ; the various series, with the law of their convergency; choice, chance, probabilities; imaginaries, the theory of equations with the application of Sturm's Theorem and Horner's method to the determination of irrational roots of numerical equations; the application of determinants to the solution of linear equations; Plane Trigonometry and land surveying, with practice in the use of the Transit and Level in roads and ditches and the requisite computations of excavation and fill.

IX. PHYSICAL CULTURE (Men).

Wed., Fri., 8.

Carefully graded work in the gymnasium throughout the year, consisting of the following exercises: Dumb-bell and posture drill, rings, wrestling, side horse, ladders, single stick drill, Indian clubs, parallel bars, basket ball, high horizontal bar. Each day's work to be preceded by a practical talk, in general, on physiological subjects. Two such talks will be on personal purity, and two on gymnastic nomenclature.

X. PHYSICAL CULTURE (Women).

Th., Sat., 9.

All exercises are taken under the supervision of the director. Military and fancy marching, dumb-bells, wands, Indian clubs, Swedish movements and æsthetic gymnastics.

SOPHOMORE YEAR.

REQUIRED.—*English, Bible, Elocution, Physical Culture and either (1) Two of the three languages, Latin, Greek, German, and One of the three sciences, Chemistry, Biology, Mathematics, or (2) Two of the three sciences, Chemistry, Biology, Mathematics, and One of the three languages, Latin, Greek, German.*

I. BIBLE.

Tu., Wed., Th., Sat., 8.

In this study the first half of the year is given to the study of the Old Testament; the latter half to the study of the New.

The instruction is by means of lectures, with reading of such portions of the scriptures as are covered by the lectures.

The first half of the year the lectures are on the Pentateuch, discussing the origin of things, the patriarchal age, the rise and institutions of the Hebrew nation, the conquest of Canaan, the rise and growth of the Kingdom and its history until the Christian era.

The second half of the year the New Testament is studied in the following order:

The Gospels: The life, the teachings and the works of Christ, presented in chronological order.

Acts of Apostles: The rise and growth of the Church is traced, and questions belonging to the Apostolic age discussed.

The Epistles: These are classified on the basis of their subject-matter; the more important are carefully studied, and some one analyzed as to its teaching and form of argument.

II. BIOLOGY. The class is divided into two sections, the student electing either Botany or Vertebrate Anatomy.

BOTANY.

Tu., Wed., Th., 2-4.

A study of the Phanerogams and Ferns. (1) The plant cell, its structure and simple functions; cell division and conjugation; sex in plants. (2) The structure and development of vegetative and reproductive organs as illustrated in the sunflower, elm, maize, hyacinth, smilax, Scotch pine, *Aspidium*,

Adiantum. (3) Physiology of plants. Bessey's Botany and Bower's Practical Botany, Part II, will be required. Open to students who have taken Preparatory Botany or General Biology.

VERTEBRATE ANATOMY.

Tu., Wed., 10-12; Fri., 2-4.

(1) General development of the Vertebrates, Classification, Geological Succession. (2) A comparative study of the physiological apparatus of Vertebrates: the skeleton, muscular system, nervous system, sense organs, respiratory mechanisms, etc. (3) Parallel with the above, laboratory work on *Amphioxus*, the lamprey, skate, cod, lizard, pigeon and cat (or rabbit). Parker's Zootomy and Wiedersheim and Parker's Comparative Anatomy are used. Prerequisite: General Biology.

III. CHEMISTRY.

Th., Fri., Sat., 10-12.

General Chemistry is studied by means of lectures and a text-book. Remsen's Introduction to the Study of Chemistry (new edition) will be the class book, while Remsen's Complete Work will be much used as a book of reference.

Qualitative analysis is begun. Detection of bases completed. In Qualitative analysis instruction is given mainly by lectures, but students are required to have some standard laboratory manual on the subject. Most of the work after the first term is done in the laboratory.

IV. ELOCUTION.

Th., 2.

Further exercises as outlined under Freshman year.

V. ENGLISH.

Tu., Sat., 9.

(a) Themes once a week through the year.

(b) Literature: Study of Nineteenth Century Authors, Cowper, Burns, Scott, Tennyson, Rossetti, Jeffrey, De Quincey, Macaulay, Carlyle, Arnold, Newman, Ruskin.

The aim of this course is to show that the literature of the present century is the result of different movements in the national life, and to develop critical appreciation of our best literature in prose and poetry, so that the student may read with greater pleasure and understanding the authors taught in the Junior and Senior years.

VI. GERMAN.

Wed., 2; Th., 9; Fri., 8.

The aim in this year's work is to acquaint the student with some of the best known German novels and classics. Freytag's novels, Scheffel's Ekkehard, Heine's Harzreise, Schiller's Tell, Lessing's Minna von Barnhelm, etc., are read. In the selection of text, the tastes of the class are consulted. Exercises in composition are continued throughout the year.

VII. GREEK.

Tu., Wed., 10; Fri., 8.

Homer's Iliad or Odyssey; the shorter orations of Demosthenes. Two terms will be spent on Homer; selections from the Iliad or the Odyssey will be read, enough to go through the entire story of either. The syntax of the language and the arrangement of words will be studied by requiring students to transfer translations made from the author read back into Greek. In connection with Homer, mythology will be taken.

VIII. LATIN.

Tu., Wed., 11; Fri., 2.

The Phormio of Terence, Epistles of Horace, Dialogus de Oratoribus of Tacitus, translations at sight, Roman History, History of Roman Literature.

The above-named authors will be read in the order given, the work continuing throughout the year, with frequent exercises in translation at sight. The collateral historical work indicated is meant to be selected epochs of Roman political history down to the close of the reign of Augustus (Merrivale's General History of Rome), and a comprehensive view of the whole field of Roman classical literature. (Wilkin's Primer of Roman literature).

IX. MATHEMATICS.

Th., Fri., Sat., 11.

(A) Bowser's Analytical Geometry, Differential and Integral Calculus, followed by his Analytical Mechanics and a solution of all the examples in each, extending through the Sophomore and one term of the Junior year. (B) A course in Higher Algebra, Theory of Equations and Elementary Determinants. (C) A course in Cremona's Projective Geometry.

X. PHYSICAL CULTURE (Men).

Tu., Th., 3.

Work in the gymnasium throughout the year, consisting of carefully arranged variations of the following exercises:

Single stick drill, high bar, wrestling, long horse, Indian clubs, side horse, floor work, parallel bars, and spring board. Practical talks as indicated in Freshmen year. Each day's exercises will be preceded by a short, sharp run of five minutes.

- XI. PHYSICAL CULTURE (Women.) *Wed., Fri., 9.*
 Military and fancy marching, dumb-bells, wands, Indian clubs, Swedish movements and æsthetic gymnastics.
-

JUNIOR YEAR.

REQUIRED.—*French, and*

*either (1) One of the three languages, Latin, Greek, German,
 or (2) One of the three sciences, Chemistry, Biology, Mathe-*

matics.

In either case, with elective work sufficient to furnish in all sixteen hours per week. (In laboratory work, two hours count one.)

- I. BIOLOGY. *Tu., Th., Sat., 2-4.*

(a) *Physiology.* An introduction to Human Anatomy and Physiology. Lectures and demonstrations once a week throughout the year.

(b) *Histology and Embryology.* (1) A study of normal adult tissues, with special attention to the Mammalian type. Practical work in the preparation of materials is required of each student. (2) The development of the chick during the first three days.

Four hours' laboratory work a week throughout the year. Piersol's Normal Histology, Foster and Langley's Histology, Foster and Balfour's Elements of Embryology.

Pre-requisite, General Biology and Vertebrate Anatomy.

- II. CHEMISTRY. *Tu., Th., Sat., 2-4.*

Qualitative analysis continued. Detection of acids, analyses of simple and mixed salts, minerals, alloys and ores. Quantitative analysis. First, by gravimetric, then by volumetric methods. Students will have sufficient practice in each to acquaint them well with the processes commonly used in quantitative analysis. Special work may be done in the analysis of milk, butter, examination of waters, urine, or in

any line for which the student is thought by the professor in charge to be qualified. Time, at least six hours per week in the laboratory.

- III. ENGLISH. *Wed., 10; Th., Fri., 8.*
 (a) Elizabethan Authors (*two hours per week*). (b) History of Poetics. Text-book: Gunemere's Hand-book of Poetics (*one hour per week*). (c) Composition (optional), (*one hour per week*).

- IV. FRENCH. *Tu., Th., Fri., Sat., 10.*
 The beginning class uses as text-book Joynes' Minimum Grammar and Reader, or some similar work, spending the first term in acquiring the pronunciation, a working vocabulary, an acquaintance with the simpler rules of syntax, and a knowledge of the irregular verbs. Latin, French and English word-forms are made a basis for incidental exercise in etymology and historical phonetics. Reading of connected prose is commenced at the earliest opportunity, Halévy's L'Abbé Constantin and Verne's Michel Strogoff furnishing the material. The reading of the latter part of the year consists in La Fontaine's fables and some more difficult Nineteenth Century prose and verse. Composition is usually based on the texts read.

- V. GERMAN. *Tu., 11; Wed., 2; Sat., 11.*
 In the Junior year a more exact study of the literature and its history is begun. It is expected that the student will have acquired by this time a knowledge of vocabulary and sentence structure sufficient to render reading very easy. Kluge's Geschichte der deutschen National-Litteratur is used as a text-book. This work is supplemented by outside reading and references to other histories of the literature. In connection with each period, as studied in the text-book, representative works of the period are read.

- VI. GREEK. *Tu., 11; Wed., 2; Sat., 11.*
 Greek Drama: Æschylus, Sophocles, Euripides, and Aristophanes. One or more works from each. A careful study of the metre will be made. Further, a literary study of these authors, given by means of lectures and extracts from their works. The Greek Theatre, with all its accessories, will be another feature of this year's work.

VII. HISTORY.

Wed., Th., Fri., 11.

In addition to General History, which is required for entrance, students in Latin, Greek and English are given, in those departments, courses in the outline history of Rome, Greece and England. The first year's general work in the department of History covers the mediæval period. Text-book (Duruy), lectures and recitations are employed, together with frequent written reviews.

The social and political conditions which brought the Feudal System into existence are studied, as well as those that resulted therefrom. The rise of the Papacy, of Mohammedanism, of the Holy Roman Empire, and of the French Monarchy, receive special attention.

VIII. LATIN.

Tu., Wed., Sat., 8.

Pliny the Younger, Juvenal, Tacitus, the literature and history of the early Empire.

The work continues throughout the three terms with reading of selected portions of the writers named. The following text-books are recommended: Holbrooke's Pliny's Letters, Chase's Selections from the Satires of Juvenal, Champlin's Selections from Tacitus. Collateral reading in the period studied is required in Merivale's General History of Rome, and in Cruttwell's History of Roman Literature.

IX. MATHEMATICS.

Tu., Wed., Sat., 8.

Bowser's Mechanics finished. Johnson's Surveying, embracing adjustment and use of instruments, land, topographical, geodetic, and city surveying, with computations of earth work. Those taking course (A) in Sophomore year can, instead of the foregoing, take higher work in Analytical Geometry and Calculus during the Junior and Senior years. Charles Smith and Todhunter or Williamson will be used. This course would furnish a good introduction to work in the Polytechnic schools.

X. PEDAGOGY.

Tu., 10; Fri., 8; Sat., 10.

This course is open to all students of the University, but especially designed for teachers and those who wish to become teachers.

A study of McKendrick's Physiology of the Senses. (*Three hours a week, during fall term.*)

Lectures and recitations based upon Tompkins' Philosophy of Teaching. (*Three hours, winter term.*)

Lectures on School Organization and Management, and Current Educational Topics. (*Three hours, spring term.*)

XI. PHYSICS.

Tu., Wed., 9; Fri., 2.

During the first term are mastered the general properties of matter; principles of motion and force; laws of motion as affected by gravity and other forces separately and combined; theory of machinery; elasticity and strength of materials.

During the second term are taught hydrostatics and hydrodynamics, followed by the kinetic theory of gases; the theory of undulations in elastic fluids, with applications to sound, and the theory of musical instruments. Then follow laws controlling ether waves, with application to refraction and reflection of light, and the construction and use of optical instruments.

The third term is given to the study of electricity and magnetism. Lectures on the method of generation of electricity and its application to lighting, telegraphy, the telephone and the driving of machinery are given.

Text-books: Bowser's or Peck's Analytical Mechanics, Wright's Sound, Light and Heat, Poyser's Magnetism and Electricity.

XII. SOCIAL AND EDUCATIONAL SCIENCE, (A) *Th., Fri., Sat., 9.*

(1) Hinsdale's American Government. (2) Political Economy. (3) An Introduction to Sociology.

XIII. SOCIAL AND EDUCATIONAL SCIENCE, (B) *Tu., 8; Wed. 10; Fri., 8.*

Lectures and studies based upon Draper's Intellectual Development of Europe and Guizot's History of Civilization.

SENIOR YEAR.

REQUIRED.—*French, and*
either (1) One of the three languages, Latin, Greek, Ger-
man,
or (2) One of the three sciences, Chemistry, Biology,
Mathematics.

In either case, with elective work sufficient to furnish
in all sixteen hours per week. (In laboratory work, two hours count
one.)

I. *ANATOMY.

Wed., Fri., 2-4.

(1) Osteology, articulations, muscles and fasciæ. (2) Circulatory system, respiratory system, nervous system, organs of special function, with course of dissection. (3) Minor surgery: Sutures, bandages, dressings, methods, preparation, practical work. Prerequisite: General Biology, Vertebrate Anatomy, Histology.

II. BIOLOGY.

Wed., Fri., Sat., 2-4.

During this year students who have had at least two years' work in Biology may pursue advanced studies for which they are prepared, in any one of the following lines: Animal Histology, Vertebrate Embryology, Invertebrate Morphology, Systematic Zoology, Cellular Biology, Bacteriology. Students making Biology their major study will devote a part of the time to the preparation of a thesis. Such assistance is given as will enable the student to accomplish his ends.

III. CHEMISTRY.

Wed., Fri., Sat., 2-4.

This year will be given to the study of organic chemistry. Remsen's work will be the text-book, supplemented by some laboratory manual. Besides mastering the text-books, students will do much laboratory work in the preparation and analysis of organic substances.

IV. CIVICS.

Tu., Th., Sat., 10.

(1) Roman Law is studied the first term. The *Civil* law is taught by means of text-books, such as Hadley, Gibbon, and

*This course will be given hereafter in the Medical Department of the University.

the Justinian Code. Special attention will be given to the *political* system of Rome, and the development of its constitution.

(2) Lectures are given the second term on the Constitutional History of England with constant reference to such works as Hallam, Stubbs and Taylor. The class is required to report on special subjects of the lectures, for which the library is well supplied with books of reference. It is the aim of this study to trace the rise and growth of constitutional liberty among English speaking people.

(3) The Political and Constitutional History of the United States from Washington to Lincoln will be studied the third term, with constant reference to such authors as Cooley, Von Holst, and Johnston.

V. ENGLISH.

Tu., Wed., Sat., 8.

Alternative courses are offered as follows: (A) History of the English Language: (1) Anglo-Saxon. Text: Bright's Reader. (2) Specimens of English before Chaucer. (3) Chaucer. (B) The Novel: Richardson, Fielding, Burney, Austin, Scott, Dickens, Thackeray, Eliot. (*One hour per week.*)

English Drama: Interpretative study of Shakespeare. (*Two hours per week.*)

VI. FRENCH.

Tu., Th., Fri., Sat., 9.

The year is given up to a systematic study of French literature, history being constantly supplemented by reading and criticism of authors and the literature of successive periods. After reading selections from Joinville's *Histoire de Saint Louis*, and some of the earlier lyric verse, the masterpieces of Corneille, Racine and Moliere are studied in connection with the development of the drama. Then follows reading from Pascal, Bossuet, Voltaire and Beaumarchais. The romantic school, as exemplified in Balzac, Victor Hugo, Lamartine and George Sand, is considered, and the course closes with a review of the most popular writers of the last half century. Some attention is to be given each week to sight-reading and composition.

VII. GEOLOGY.

Wed., 10; Th., 8; Fri., 10.

Lectures, recitations and laboratory work.

An introduction to Crystallography, Mineralogy, Lithology, and the general principles of Geology. (1) A study of crystal forms and systems of notation. (2) Determination of minerals by physical characters and simple chemical and blow-pipe tests. (3) Geology proper, Dynamical, Structural, Historical. Text-book, Leconte's Elements of Geology. For reference, Williams' Crystallography, Dana's Mineralogy.

Open to students who have taken General Biology, Physics and Chemistry.

VIII. GERMAN.

Wed., Th., Fri., 11.

The class continues the study of the literature with Kluge's *Geschichte der deutschen National-Litteratur* as a text-book, and with readings in and out of class. The work done consists in the study of the masterpieces of Lessing, Goethe and Schiller, including both poetry and prose.

IX. GREEK.

Wed., Th., Fri., 11.

(1) Greek orators: Demosthenes, Æschines and Isocrates. Selections from Demosthenes, and part of Æschines against Ktesiphon. A careful study of the Macedonian period will be made. (2) Lectures on Archæology, with help from photographs. (3) Plutarch's Lives.

X. HISTORY.

Tu., 11; Th., 2; Sat., 11.

The second year's work is done chiefly through recitations from lectures and study of works of reference. It begins with the period of the Renaissance and the Reformation, and deals with the leading social, political and religious questions of Modern European History. The Empire of Charles V, the age of Louis XIV, and the rise of the Prussian Monarchy, are special topics. The French Revolution and the Napoleonic Era are then studied, and the year's work closes with a review of the course of events since the battle of Waterloo.

XI. LATIN.

Wed., 10; Th., 8; Fri., 10.

A choice may be made from several courses, to be announced later.

*XII. MATERIA MEDICA.

Th., 3; Sat., 2-4.

The course consists of lectures and recitations. The department is provided with a collection of medicines, embracing most of the remedies now in use, both officinal and unofficinal, thereby assisting the student in acquiring reliable knowledge of the physical properties and characteristics of remedial agents. For the purpose of practical instruction, experiments will, from time to time, be performed upon the lower animals, in order to better acquaint the student with the physiological and toxic action of the various drugs.

XIII. MATHEMATICS.

Tu., Th., Sat., 10.

A course in General Astronomy, text-book of Charles Young, three hours weekly, two terms. Uranography and observatory work, one term. Adequate reference books, sufficient for all needs in the above courses, will be found in the College Library. *

XIV. PHILOSOPHY.

Tu., 2; Wed., 9; Fri., 8.

(1) Psychology. The first term is given to the investigation of the contents of consciousness and to the discussion of subjects that lead up to the study of philosophy. As time permits the relations of physiology to psychology will be presented to the class.

(2) Logic. The laws of pure thought, with full exposition of the deductive and inductive methods, are studied the second term. The class have daily exercises in the application of the principles of the science.

(3) History of Philosophy. Lectures on the history of philosophic thought; methods and principles of the various schools analyzed and explained; references to authors; thesis on a subject assigned, required.

XV. SOCIAL AND EDUCATIONAL SCIENCE.

*(A) General Sociology.**Wed. 10; Thu., 8; Fri. 10.*

The work in this course will be based on Ward's Dynamic Sociology, with references to contemporary writers.

*(B) Historical.**Tu., Th., Sat., 10.*

A study of some of the great leaders of educational thought. Not only will the life and work of the individual as such be studied, but a study of the institutions of his time will be made; thus combining the history of education and the history of society.

*This course will be given hereafter in the Medical Department of the University.

SCHEME OF DAILY RECITATIONS.

	Freshman.				Sophomore.				Junior.				Senior.			
	Tu.	W.	T.	F.	S.	Tu.	W.	T.	F.	S.	Tu.	W.	T.	F.	S.	Tu.
Anatomy
Astronomy
Bible.....	8	..	8	..	..	..	..	..	..	..	10	..
Biology	10-12	10-12	10-12	10-12	..	8-10-12	2-4	2-4	..	2-4	..	2-4	2-4	2-4	2-4
Chemistry	10-12	..	10-12	10-12	2-4	..	2-4	..	2-4	2-4	2-4	2-4
Civics.....	10	..	10	..	10	..
Educational Science.....	8	..	..	..	11	11	..	..
Elocution	2	..	..	..	..	..	..	..	..	..	..	..	8
English	10	..	2	2	..	..	..	..	8	10	8	8	..	9	9	..
French.....	10	..	10	..	10	10	..	..
Geology.....
German	8-9	9	8	..	8	..	2	9	8	..	11	..	11	11	..	..
Greek.....	..	10	10	10	..	10	10	..	8	..	11	..	11	11	..	..
History	10	..	..	..	..	..	..	..	..	11	..	11	2	11	..
Latin.....	9	..	11	11	..	11	11	..	2	..	8	..	8	10	..	..
Materia Medica.....
Mathematics.....	11	11	..	9	..	11	..	11	11	8	10	..	10	..	10	..
Pedagogy.....	8	10	..	..	..	..	..	..
Philosophy.....	2	9	..	8	..	..
Physics	2	..	..	..	..	..	..	..
Physical Culture—Men.....	..	8	8	..	..	3	..	..	..	..	..	..	..	..	..	..
Physical Culture—Women.....	9	..	9	9	..	..	9	..	..	..	8	..	..	..
Social Science	9	9	..	10	8	10	..	..

BURGESS HALL PREPARATORY SCHOOL.

INSTRUCTORS.

OMAR WILSON, A. B.,
Principal.

LIDA ENDRESS GILBERT.

EVELYN MITCHELL BUTLER, A. B.

ALBERT JAMES BROWN, A. M.

ORGANIZATION.

The Preparatory School was formally separated from the College proper in the fall of 1890. This division of the work was made possible by the erection of a new building, Library, and by the employment of additional instructors.

PURPOSE.

As the name suggests, it is the purpose of this school to prepare students for college. Students who expect to enter college will save time by attending a preparatory school. This is verified every year in the case of those who come from high schools and seminaries where the studies are not arranged with reference to college work. These schools often have brief courses in Mental Philosophy, Moral Philosophy, Chemistry, and other subjects which must be studied more fully in college.

ADMISSION.

In order to enter the First Preparatory class, applicants are required to pass examinations in Descriptive Geography, Arithmetic, Physiology, U. S. History and English Grammar. Applicants for admission to the Second Preparatory must pass examination on the work of the First Preparatory, and applicants for admission to the Third Preparatory on that of the Second Preparatory. See pp. 95-98.

Exceptions to the above are made in the case of students from other colleges and from the Indianapolis schools. Those who have completed the 8 A grade of the Indianapolis common schools may enter First Preparatory upon presenting certificates from their teachers. Those coming from the Indianapolis High School or from other colleges will be credited with whatever work of the Preparatory they have completed, but will be conditioned on all not completed. These will bring certificates from the principal of the high school or the president of the college.

CLASSIFICATION.

Although a student may have the larger part of his work in the Third Preparatory, yet if his deficiency exceed one year's work in one study he will be classed Second Preparatory. A student similarly deficient in the Second Preparatory will be classed First Preparatory.

ENTRANCE EXAMINATIONS.

There will be two periods for entrance examinations, one during commencement week and one during the first week of the fall term. Candidates for First Preparatory, as follows:

Thursday, June 4, and Tuesday, Sept. 23, 1896.

Descriptive Geography.....	8-10 A. M.
Arithmetic	10-12 "
English Grammar	2- 4 P. M.

Friday, June 5, and Wednesday, Sept. 24, 1896.

U. S. History	8-10 A. M.
Physiology.....	10-12 "

SECOND PREPARATORY.

Thursday, June 4, and Tuesday, Sept. 23, 1896.

Latin (one year's work).....	8-10 A. M.
General History.	10-12 "
English (Reed and Kellogg's <i>Higher Lessons</i> or an equivalent).	
American Literature. See p. 95.....	2- 4 P. M.

Friday, June 5, and Wednesday, Sept. 24, 1896.

Civil Government.....	8-10 A. M.
-----------------------	------------

THIRD PREPARATORY.

Thursday, June 4, and Tuesday, Sept. 23, 1896.

Latin (Second Preparatory work or an equivalent).....	8-10 A. M.
German (one year's work).....	10-12 "
Greek " " "	2- 4 P. M.

Friday, June 5 and Wednesday, Sept. 24, 1896.

English (Second Preparatory work) See p. 97.....	8-10 A. M.
Algebra (To Quadratic Equations).....	10-12 "

In the spring of 1897 the entrance examinations will be as follows:

FIRST PREPARATORY.

Tuesday, June 22.

Descriptive Geography.....	8-10 A. M.
Arithmetic	10-12 "
English Grammar.....	2- 4 P. M.

Wednesday, June 23.

U. S. History.....	8-10 A. M.
Physiology.....	10-12 "

SECOND PREPARATORY.

Tuesday, June 22.

Latin (one year's work).....	8-10 A. M.
General History.....	10-12 "
English (<i>Reed and Kellogg's Higher Lessons in English or an equivalent</i>), American Literature. See p. 95.....	2- 4 P. M.
Civil Government.....	4- 5 "

THIRD PREPARATORY.

Tuesday, June 22.

Latin (Second Preparatory work).....	8-10 A. M.
German (one year's work).....	10-12 "
Greek (one year's work).....	2- 4 P. M.

Wednesday, June 23.

English (Second Preparatory work).	8-10 A. M.
Algebra (To Quadratic Equations).....	10-12 "

It is important that these examinations be taken at the times appointed. Students will then be ready to begin registration on the opening day, September 22. Those who fail to attend on the days announced will be admitted to classes only on condition that they take the examinations as early as convenient for the instructors. An extra charge of \$1.00 to each student is made for every irregular examination.

CLASSES.

In the first year all students have the same studies. In the second and third years the students choose between Greek and German. With this exception, studies in the Preparatory are not elective.

PHYSICAL CULTURE.

Physical culture twice a week in the gymnasium is required of all Preparatory students. See p. 97.

LIBRARY AND READING ROOM.

Preparatory students have the same privileges of the library and reading room as students in the College.

CONTEST IN DECLAMATION.

A contest in declamation is held during commencement week. The first prize is ten dollars and the second, five dollars.

None but Preparatory students who show interest and ability in elocution may enter this contest. Those who wish to compete are required to make known this intention to Miss Gilbert, and to hand her their selections not later than the second week of the third term. Miss Gilbert gives special instruction to all contestants who wish help. Judges are chosen by the faculty. This contest has proved a great benefit to those who take part, and of much interest to all. In 1896 first honor was awarded to Bessie Maxon Banning, Irvington; second, to Daisy Van Vleck, Wagar, Ala.; third, to Elizabeth Anne Butler, Irvington.

CLASSES.

FIRST YEAR.

1. ENGLISH: (a) Analysis: The text-book is Reed & Kellogg's *Higher Lessons in English*. It is usually found necessary to review first the verb paradigms.
(b) American literature: Selections are studied from Irving, Bryant, Longfellow, Hawthorne, Whittier and Holmes. The work is so planned that the student may understand the development of literature in America and may appreciate the influence under which each of the chief authors wrote and also the influence which he exerted on his time. As a guide in this work Brander Matthews' *Introduction to American Literature* will be used. This course seeks not only to make the student acquainted with some of the best American authors, but also to quicken his appreciation of what is really good, and to secure correctness in writing. In connection with this work the class writes short compositions. Analysis twice a week. Literature three times a week. *Tu., Wed., Th., Fri., Sat., 10.*
2. LATIN: Collar & Daniell's *First Latin Book* is used during the first and second terms. In the third term the class reads *Viri Romæ*. Paradigms are committed as rapidly as possible and exercises in inflection are continued through the entire year. A part of every recitation consists in turning English into Latin. *Tu., Wed., Th., Fri., Sat., 11.*
3. HISTORY: Myers' *General History* is used as text-book. Students are referred to the library for more complete accounts of important topics. First two terms. *Tu., Th., 2; Wed., Fri., 3; Sat., 9.*
4. CIVIL GOVERNMENT: With the help of the text-book the constitution of the United States is studied. Portions are committed to memory. Third term. *Tu., Th., 2; Wed., Fri. 3; Sat. 9.*

5. PHYSICAL CULTURE: (a) Boys: Carefully arranged exercises throughout the year, selected from the following: Swedish movements, low horizontal bar, wand drill, floor work, gymnastic games, buck, parallel bars, walking, running, fancy marching.

Practical talks throughout the year on physiological subjects. Elementary floor work includes all jumps with turns and scissor-movements. Intermediate floor work includes rolls, dives and combinations of similar character. *Wed., Fri. 2.*

(b) Girls: Military and fancy marching, free gymnastics, wands and dumb-bells. Exercises from the Emerson and the Swedish systems are also used.

Each girl is required to provide herself with gymnasium costume consisting of bloomers and blouse. *Tu., 9; Sat., 8.*

SECOND YEAR.

1. ENGLISH: (a) Rhetoric: Text-book, Genung's *Rhetoric*. This text-book is used throughout the year and is completed. The study of *versification* is not begun till the Third Preparatory.

(b) Literature: In the first term, Lowell and other American authors. This completes the course of four terms in American literature. The three succeeding terms are given to English literature. In the second term the class studies some of Scott's poems and one of his novels, and in the third term, one of Shakespeare's plays. The composition work consists of one long essay each term, together with many short written exercises, all of which are based on the works being studied. *Tu., 9; Wed., Fri. 2.*

(c) Elocution: The work consists of exercises in respiration, voice culture and orthoëpy; the analysis of prose and poetical selections for the purpose of bringing out the thought in the most expressive manner. Each student is required to give a declamation each term, and to receive criticism. Shoemaker's *Practical Elocution* is used as text-book. *Wed., 11.*

2. LATIN: In the first and second terms the class reads four books of Cæsar, and in the third term Cicero's four orations against

Catiline. There is daily exercise in prose composition, either oral or written. In recitation the class usually translates, first, the advance lesson, and then as review the lesson of the previous day. On this review is based the composition work. This method secures the student's careful attention to the text, not alone with reference to translation, but also with regard to the Latin construction and order of words. *Tu., Th., Fri., Sat., 11.*

3. GREEK: White's *Beginner's Greek Book*. This book contains grammar, vocabularies, composition and Greek sentences for translation. It has also the text of the first eight chapters of Xenophon's *Anabasis*, so that it is quite sufficient for the first year's work.

"In order to be able to read even simple Attic prose at sight one must know the usual forms of the Greek language, its ordinary constructions and its general vocabulary. These three things are absolutely necessary."

Recitations are both oral and written. Students have daily practice in translating Greek into English and also in turning English sentences into Greek. Most words used are found in Xenophon's *Anabasis*. *Wed., Th., Fri., Sat., 8;*

or

- GERMAN: Joynes-Meissner's *Grammar* is used as a text-book. Either Joynes' or Whitney's *Reader* is taken up as soon as the class is far enough advanced to begin reading. In this year it is intended to ground the student well in the principles of German Grammar, to teach him to acquire a vocabulary and to construct sentences easily and naturally. *Wed., Th., Fri., Sat., 9.*

4. MATHEMATICS: Wentworth's *Complete Algebra* is taken up in the first term and continued through the year. Class completes the work as far as *Quadratic Equations*, page 196. *Tu., Wed., Th., Sat., 10.*
5. PHYSICAL CULTURE (Boys): Work in the gymnasium throughout the year, as follows: Swedish movements (advanced), dumb-bell drill (elementary and intermediate), parallel bars, horse, floor work, basket ball, indoor athletics, heavy wand drill, high horizontal bar (elementary).

Each day's exercises to begin with a short, sharp run of from three to five minutes. Heavy wand drill includes bayonet practice. *Wed., Fri., 3.*

(Girls) Exercises much the same as that of the first year. Gymnasium suit the same. See p. 97. *Tu., 8; Fri., 10.*

THIRD YEAR.

1. ENGLISH: (a) Rhetoric completed in the first term, beginning with *versification*. *First half year. Tu., 11.*

(b) English Literature: In the first term the class studies the *Idylls of the King* and other poems. These are made the basis of the composition work. *First half year. Th., 10.*

(c) Mythology: In the second half of the year the class studies Greek, Roman and Norse Mythology, using as text-book Gayley's *Classic Myths in English Literature*. Class is required to learn the story of the Iliad, the Odyssey, and the Æneid. References are made to the works on mythology in the College library. It is the purpose to awaken the student's interest in Mythology, and to give him an intelligent conception of its main ideas. It is planned with reference to the English work of the following years. *Second half year. Wed., Fri., 9.*

(d) Elocution: Continuation of the work of the second year in respiration, voice culture and orthoëpy. The elements of vocal expression and action are taken up with the further analysis of selections. Each student is required to give one declamation a term. *Tu., 11.*

2. LATIN: Two longer orations of Cicero are read the first term and five books of Virgil the second and third terms.

In composition the class uses Allen's *Introduction to Latin Composition*. *Wed., Thu., Fri., 11; Sat., 10.*

3. GREEK: Two books of Xenophon's *Anabasis* are read in the first and second terms and Xenophon's *Symposium* in the third term. Composition every day. Goodwin's *Grammar*, latest edition. *Tu., Wed., Th., Fri., 10.*

Or

GERMAN: (a) The class reads such easy prose as that of Riehl, Hauff and Heyse. The learning of the vocabularies is espe-

cially emphasized. Training in word analysis is begun and attention directed to the affixes and their functions. *Reading 2 hours a week.*

(b) Composition—Harris. In addition to this there are exercises in composition based upon the texts read. *Composition 2 hours a week. Tu., Wed., Th., Fri., 10.*

4. MATHEMATICS: (a) Wentworth's *Complete Algebra* as far as Binomial Theorem, p. 316. First term. *Fri., 8; Sat., 9.*

(b) Wentworth's *Plane Geometry. Fri., 8; Sat., 9*, during the second and third terms.

5. SCIENCE: (a) Physics: Gage's *Elements* during the first half-year.

(b) Botany: Text-book, Spaulding's *Introduction to Botany*. Each member of the class is required to analyze and mount forty specimens of plants native to this vicinity. Second half-year. *Tu., Th., 3; Sat., 8.*

6. PHYSICAL CULTURE (Boys): Gymnasium work throughout the year as follows: Dumb-bell drill (advanced), low horizontal bar (advanced), wrestling (elementary), Indian clubs (intermediate), high horizontal bar (elementary), posture and relaxation drills, floor work, basket ball, long horse, ladders (elementary and intermediate).

Practical talks each day. *Tu., Th., 2.*

(Girls) Course of first and second years continued. Suits the same. See pp. 97, 98. *Th., 8; Sat., 10.*

	First Preparatory.					Second Preparatory.					Third Preparatory.				
	Tu.	W.	Th.	Fr.	Sat.	Tu.	W.	Th.	Fr.	Sat.	Tu.	W.	Th.	Fr.	Sat.
Elocution.....							11				11				
English	10	10	10	10	10		9	2		2		9		9	
German.....							9	9	9	9	10	10	10	10	
Greek.....							8	8	8	8	10	10	10	10	
History (Civil Government)...	2	3	2	3	9										
Latin.....	11	11	11	11	11		11	11	11	11		11	11	11	10
Mathematics.....							10	10	10	10				8	9
Physics (Botany)											3		3		8
Physical Culture (Boys)		2		2			3		3		2		2		
Physical Culture (Girls).....	9				8		8		10			8			11

CATALOGUE OF STUDENTS.

DEGREES CONFERRED, 1895.

Doctor of Philosophy.

ROBERT HALL, A. M.

Master of Arts.

MARY EDNA ARNOLD, A. B.	GEORGE ELMER HICKS, A. B.
JOHN WILBERT BARNETT, A. B.	JAMES CHALLEN SMITH, A. B.
GEORGE GREEN BRUER, A. B.	CHARLES ALBERT RILEY, A. B.
FRANK A. MORRISON, M. D. (Honorary).	

Bachelor of Arts.

MAY BRAYTON.	HARRY LEONARD HENDERSON.
NELSON DEWEY BRAYTON.	GEORGE WILSON HOKE.
HARRIET NELL BREVOORT.	ARTHUR ALBERT JOHNSON.
EDWARD AUGUSTUS BROWN.	MARY LOUISA LEPPER.
EDWARD THOMAS FORSYTH.	LAURA MACE.
GEORGIA NOBLE GALVIN.	ROSE MCNEAL.
EVA LOU GOODYKOONTZ.	BERTHA NEGLEY.
DORA GREEN.	GRACE MAY REEVES.
LORA COLLINS HADLEY.	LAURA EVELYN RUPP.

CHARLES BURR TAYLOR.

GRADUATE STUDENTS.

ARNOLD, MARY EDNA (A. B., Univ. of Illinois)

A. M.	Souders, Ill.
BARNETT, JOHN WILBERT, A. M.	Onberg, Pa.
BREVOORT, HARRIET NELL, A. B.	Columbus.
BRUER, GEORGE GREEN, A. B.	Russiaville.
CLARKE, WILLIAM FRANKLIN, A. M.	Mt. Auburn.
HALL, ROBERT, Ph. D.	Irvington.

HENDERSON, HARRY LEONARD, A. B.....	Kendallville.
HICKS, GEORGE ELMER, A. M.....	Indianapolis.
RILEY, CHARLES ALBERT, A. M.....	Irvington.
SMITH, JAMES CHALLEN, A. M.....	Irvington.
STEVENS, CHARLES AUGUSTUS, A. M.....	Irvington.
TAYLOR, CHARLES BURR, A. B.....	Indianapolis, Iowa.
TAYLOR, MABEL ATWATER (A. B., Eureka)...	Indianapolis, Iowa.
UPDEGRAFFE, BELLE HOPKINS, A. B.....	Canton, Mo.

SENIORS.

BARNHILL, RETTA VALERIA.....	Irvington.
BRADY, CLARENCE ABRAHAM.....	Beech Creek, Pa.
BUTLER, JOHN SCOT	Irvington.
CULBERTSON, CHARLES WINGATE.....	Brazil.
CLYMER, ROBERT WOODWARD.....	Lockhaven, Pa.
CLARK, EDWARD WILLIAM.....	Indianapolis.
CARPENTER, ARTHUR BLISS.....	Wabash.
DALTON, CHARLES TEST.....	Indianapolis.
DAVIS, JOHN QUINCY.....	North Salem.
FLETCHER, MARY COBURN.....	Indianapolis.
FRIGGE, HENRY FREDERICK.....	Indianapolis.
HOBSON, FRANKLIN DRAKE.....	Indianapolis.
JEFFRIES, PEARL.....	Irvington.
LUDLOW, EARL THAYER.....	Irvington.
MOORE, KATHERINE.....	Irvington.
MORRIS, JOSEPH FRANKLIN	Irvington.
PAYNE, WILLIAM ELMER.....	Mt. Auburn.
PHILLIPS, WILLIAM EUGARDE.....	Boston, Mass.
THOMPSON, ETTA.....	Muncie.
THORMYER, AGNES.....	Irvington.
WRIGHT, GEORGE GOULD	Monroe, Wis.
YOKE, CHARLES RICHARD.....	Indianapolis.

JUNIORS.

BLOUNT, WILLIS MARVIN	Irvington.
BREVOORT, LULU BELLE.....	Columbus.
BROWN, FRANK THURMAN.....	Wanamaker.
BURKHARDT, JAMES CALVIN.....	Irvington.
CURRYER, ETHEL ROUS.....	Indianapolis.

CHRISTIAN, JESSIE LANIER.....	Indianapolis.
GING, VIRGIL BYRON.....	Irvington.
HOWE, CARRIE REBECCA.....	Irvington.
JEFFRIES, MODDIE ALICE.....	Irvington.
KNEPPER, GEORGE WASHINGTON.....	Somerset.
LEACH, CLAUDE PERCE.....	Groton, S. Dak.
LISTER, JOHN THOMAS.....	Brookston.
MCGAUGHEY, SAMUEL.....	Irvington.
MAXWELL, HOWARD HODGES.....	Martinsville.
OLIVE, FRANK CLIFT.....	Indianapolis.
POPPY, DOROTHY BELLE.....	Kendallville.
ROBERTS, ALONZO SWAIN.....	Irvington.
SHIPP, THOMAS ROERTY.....	Irvington.
SHRADER, IRA BURNS.....	Jeffersonville.
STRADLING, EMMA.....	Indianapolis.
SWEENEY, NETTIE.....	Columbus.
THOMPSON, BONA.....	Irvington.
TIBBOTT, MABEL.....	Irvington.
WALLACE, EDNA EMMA.....	Indianapolis.

SOPHOMORES.

BAGGERLY, DWIGHT WESLEY.....	Indianapolis.
RIOCH, DAVID.....	Irvington.
ROBERTS, EZRA CLAYTON.....	Kokomo.
SHIMER, JAMES TILDEN.....	Irvington.

FRESHMEN.

BASS, CHARLES HERBERT.....	Indianapolis.
COULTAS, ALDO BLISS.....	Indianapolis.
CAYLOR, IDA CATHERINE.....	Irvington.
CAMPBELL, ELIZABETH.....	Irvington.
CURRY, KATHERINE.....	Edwardsport.
DEPUTY, MARY.....	Indianapolis.
GRAHAM, ERNEST BURGESS.....	Irvington.
HIGGINS, OTIS CENTENNIAL.....	Lebanon.
KINCAID, HATTIE.....	Irvington.
KINGSBURY, SARA.....	Indianapolis.
KOEPPER, HENRY CHRISTIAN FRED.....	Indianapolis.

MASON, BERTHA.....	Asheville, N. C.
MOORMAN, ELVET.....	Paoli.
RINEHART, ERNEST ROBERT.....	Indianapolis.
ROBERTS, ETHEL BOOR.....	Irvington.
SMITH, JOHN LEE.....	Waynesville, O.
SNYDER, JESSIE HALLECK.....	Indianapolis.
STEVENS, JAMES HENRY.....	Bet Bet, Victoria, Australia.
STRONG, HARRY CARTER.....	Plainfield.
TOWLES, FRED.....	Irvington.
WARD, ALBERT LUTHER.....	Irvington.
WARD, STELLA.....	Indianapolis.
WASHBURN, ANSON HARVEY....	Petoskey, Mich.
WILLIAMS, ANNA HOLTON.....	Wabash.
WILSON, WILMER.....	Irvington.

UNCLASSIFIED.

BELZER, F. O.....	Lawrence.
BULL, ROBERT ALEXANDER.....	New Albany.
CLARKE, ARMSTRONG BRANDON.....	Vincennes.
CARTER, FRANK LINDLEY.....	Indianapolis.
CAMPBELL, GENEVIEVE.....	Indianapolis.
CAMPBELL, HENRY ROLAND.....	Indianapolis.
CLARKE, WALTER CLEMENTS.....	Shoals.
COOK, HOMER.....	Mt. Jackson.
CUNNINGHAM, SAMUEL.....	Fincastle.
DALRYMPLE, VIRGIL.....	Indianapolis.
FAITH, IDOA.....	Indianapolis.
FARTHING, OMAR ALEXANDER.....	Indianapolis.
GRAHAM, ERRETT MCLEOD.....	Irvington.
HARKER, SAMUEL ALLEN.....	Irvington.
HOLLAND, BERTHA CORINNE.....	Indianapolis.
HURT, FRED CARLETON.....	Waynetown.
KETCHAM, CHARLOTTE.....	Indianapolis.
LITTLE, BERTHA MAY.....	Irvington.
LOOP, AUBREY LEATON.....	Orth.
LUCAS, MAURICE JUDAH.....	Indianapolis.
MCCOLLUM, GERTRUDE.....	Memphis, Tenn.
MGROARTY, CHARLES JOSEPH.....	Indianapolis.

MOORE, ANNE	Irvington.
PARKER, HAROLD STETSON	Indianapolis.
WEAVER, JOHN SAWIN	Noblesville.
WILLIAMS, PERCY BARTON.	Irvington.

SPECIAL.

ATKINSON, MARY KATHARINE	Wabash.
BAKER, CHARLES ELLSWORTH	Peru.
BASS, LILY	Indianapolis.
CARVER, JAMES EDWIN	Irvington.
DEWAR, GEORGE	Indianapolis.
FORSYTH, LURA EDNA	Nineveh.
FREEMAN, BENJAMIN	New Palestine.
NEERMAN, OTTO	Indianapolis.
OSBURN, CARL	Irvington.
PARKER, EDWARD EVERETT	Maxinkuckee.
PINK, JULIUS	Indianapolis.
ROBBINS, ALBERT WOOD	Indianapolis.
SHERWOOD, JESSIE LYRA	Mt. Vernon, Iowa.
SNODDY, CARRIE	Indianapolis.
STEVENSON, BENJAMIN SILAS	Irvington.
STIMSON, BERTHA	Lafayette.
STOVER, ANNA CHARLOTTE	Ladoga.
THOMPSON, HARRY	Columbus.
TOWNS, HELEN	Ravenna, Ohio.
TSUGARU, RUIKITSU	Tokyo, Japan.
ZINK, JAMES LILLY	Irvington.

THIRD PREPARATORY.

ADAMS, WILLIAM HARRISON	Wanamaker.
ATHERTON, JOHN WHISLER	Cumberland.
BANNING, BESSIE MAXON	Irvington.
BEERMAN, WILLIAM HENRY	Indianapolis.
BLOUNT, EFFIE PATTERSON	Irvington.
BROUSE, HELEN THORPE	Irvington.
BUTLER, ELIZABETH ANNE	Irvington.
CARR, JOHN RAYMOND	Wanamaker.
CLARK, HARRY HARTMAN	South Lyon, Mich.

CLARKE, WILLIAM WALTER.....	Mt. Auburn.
EDGEWORTH, ANNA.....	Irvington.
GRAHAM, MARY CHARLOTTE.....	Irvington.
GRIGGS, NELLIE MAY.	Irvington.
LOOP, CARL RAYMOND.....	New Ross.
LOOP, MARION.....	Mace.
NULL, MARION MICHAEL.....	Blandinsville, Ill.
SMITH, SILAS MAYNARD.....	Veedersburg.
SMITH, SOPHIA ADELAIDE.....	Fountaintown.
WATTS, SHELLEY DIGGS.....	Winchester.

SECOND PREPARATORY.

ADAMS, DANIEL SHIMER.....	Wanamaker.
BEVILLE, HENRY MONTREAL ...	Indianapolis.
BOSART, OSCAR MURRAY	Indianapolis.
BRADEN, JAMES.....	Indianapolis.
BYRAM, ANNA.....	Irvington.
CALE, DAVID HINES	Indianapolis.
CULBERTSON, IDA MARIE.....	Broad Ripple.
CUNNINGHAM, JOHN MILTON	Fincastle.
CUNNINGHAM MAY.....	Fincastle.
DYSON, SAMUEL MYERS.....	Indianapolis.
ELLIOTT, WALTER SCOTT	Indianapolis.
GATES, ZONA.....	Irvington.
GUNCKEL, EDNA	Irvington.
KEEN, ELLERY CLEMENT.....	Keensburg, Ill.
KINGSBURY, JOHN FLETCHER.....	Irvington.
LAMBERSON, HARRY.....	Bentonville.
LESLEY, ROYDEN VALENTINE.....	Irvington.
LUDLOW, OVID MYRON	Irvington.
MACE, ALBERT GALITON.....	Blocher.
MCGAUGHEY, CARL WILLIAMSON.....	Irvington.
MARTIN, MARIE EVANGELINE.....	Irvington.
MINTER, HARRY	Indianapolis.
MONTGOMERY, GEORGE NEWTON	North Indianapolis.
MOORE, WILLIAM NEWTON.....	Irvington.
MOORE, WILLIAM RICHARD.....	Wanamaker.
MORRIS, WILLIAM BURR.....	Shoals.
PARKER LULU.....	Ocoee, Fla.

PORTTEUS, ANSON LEROY.....	Marion.
POWELL, EDWIN SYLVESTER.....	Irvington.
READING, RUSS RUDOLPH.....	Irvington.
SMITH, GEORGE MAURICE.....	Irvington.
SMITH, WALTER EDGAR.....	Irvington.
THOMAS, KATHERINE.....	Irvington.
VAN SICKLE, PIERRE.....	Fenton.
WALLACE, CLINTON SAMUEL.....	Indianapolis.
WHEATCRAFT, BRADFORD.....	Greenwood.
WILHITE, JESSE.....	Monrovia.

FIRST PREPARATORY.

BARROWS, NELLIE.....	Bicknell.
BARROWS, OMAR PASHA.....	Bicknell.
BROWN, ERNEST THOMAS.....	Wanamaker.
BROWN, JOHN WILLIAM.....	Irvington.
BUTLER, OVID McOUAT.....	Irvington.
CAMPBELL, HERBERT JAMES.....	Indianapolis.
CARAWAY, WALTER MORGAN.....	Gem.
COOK, GALINET.....	Bridgeport.
FARGO, CHANCELLOR ORIN.....	Indianapolis.
FRAZIER, ALVIN HOBBS.....	Irvington.
GREENE, ALPHA.....	Gem.
GREENE, EVERETTE.....	Gem.
GREENE, PEARL.....	Gem.
GUION, ELBERT BEARD.....	North Indianapolis.
HADLEY, STELLA BEATRICE.....	Mooresville.
HANSON, HOLLIS WARD.....	Alquina.
HARLAN, HORACE PINKNEY.....	Indianapolis.
HARRELL, CLARA GERTRUDE.....	Fairland.
HARRELL, EDNA PEARL.....	Fairland.
IRWIN, WALTER SCOTT.....	Brightwood.
KINGSBURY, HOWARD NATHAN.....	Irvington.
KUHN, FLOYD WILLIAM.....	Hunters.
LAWLER, WILLIAM.....	Indianapolis.
LOCKWOOD, GERTRUDE JULIET.....	Fort Branch.
MCDERMID, HERBERT.....	Indianapolis.
MCGAUGHEY, CLARA MARY.....	Irvington.

REYNOLDS, GEORGE CURTIS	North Indianapolis.
RICHEY, VERNA MEADE	Irvington.
RODNEY, HANNAH HOWELL	Irvington.
RODNEY, MARY PARVIN	Irvington.
SAMPLE, ROBERT HARLAN	Indianapolis.
SETTLE, JESSE EWING	Irvington.
SETTLE, MYRON CURTIS	Irvington.
SHOTWELL, CHARLES SPENCER	Irvington.
SMITH, MINNIE MARGUERITE	Avon.
SNODDY, GEORGE SAMUEL	Emporia, Kan.
STUTSON, HALLIE GRAHAM	Indianapolis.
WILLIAMS, CLIFFORD	Irvington.
WILLS, WILLIAM HUBERT	Clayton.

SUMMARY OF ATTENDANCE, 1895-'96.

COLLEGE.

Graduate Students	14
Seniors	22
Juniors	24
*Sophomores	4
Freshmen	25
Unclassified	26
Special	21
Total	136

PREPARATORY SCHOOL.

First Year	39
Second Year	37
Third Year	19
Total	95
FULL ATTENDANCE	231

*The small number in this class results from an extension of the course begun some years since.

BUTLER ALUMNI ASSOCIATION.

President—HILTON ULTIMUS BROWN, '80, Irvington.

Vice-President—WALTER O. WILLIAMS, '80, Indianapolis.

Secretary—GRACE JULIAN CLARKE, '84, Irvington.

Treasurer—OMAR WILSON, '87, Irvington.

If any friend finds errors in the entry of name, occupation or address of any alumnus as given below he will confer a favor by reporting the correct information to the President or Secretary of the Association.

CLASS OF 1856.

PHILIP BURNS, A. B., Minister (Died Oct. 16, 1857). Port Sarnia, Can.

NANCY E. BURNS, M. S. (Mrs. A. M. Atkinson). Wabash.

JOHN KIMMONS, A. M., Minister Missouri.

CLASS OF 1857.

T. C. ELLIOTT, B. S. Iowa.

W. G. HASTINGS, B. S. Missouri.

CLASS OF 1858.

CYRUS NERVA BLOUNT, A. M. (M. D., Jefferson

Medical College), (Died Dec. 28, 1887), Physi-

cian..... Kokomo.

ORA KNOWLTON, B. S., Farmer..... New Brunswick.

W. S. MAJOR, A. M., Editor..... Fort Wayne.

JESSE WALDEN, A. M., Minister.... Lancaster, Ky.

CLASS OF 1859.

- OVID D. BUTLER, A. M., Lawyer, 768 N. Penn. St., Indianapolis.
 ELI V. BLOUNT, A. B. Lawyer (Died Oct. 29, 1859). Tipton.
 BARZILLAI M. BLOUNT, A. M., Minister.....Irvington.
 I. N. BINFORD, B. S., Lawyer (Died March 10,
 1890).....Indianapolis.
 AARON D. GOODWIN, A. M., Teacher (Died 1892). Salina, Kansas.
 PERRY HALL, A. M., Minister (Died in service as
 Chaplain, Oct. 27, 1862).....Indianapolis.
 JACOB T. LOCKHART, A. M.....Spokane, Wash.
 ESTEL R. MOFFET, B. S., Lawyer.....Rushville.
 A. M. MOTHERSHEAD, B. S.....
 LEVI HANSON, A. M., Teacher.....Missouri.

CLASS OF 1860.

- JOHN P. AVERY, B. S., M. D., 449 N. East St.....Indianapolis.
 GEORGE CARTER, B. S., Lawyer, 72 W. Second St. Indianapolis.
 JOHN A. CAMPBELL, A. M., M. D.....Steamboat Springs, Colo.
 FRIEND C. GOODWIN, A. B., Teacher (Died April
 16, 1861).....Indianapolis.
 ANDREW M. GOODBAR, B. S. Lawyer (Deceased). Greencastle.
 ROSS GUFFIN, A. M. (LL. B., Harvard, '61),
 Lawyer.....Kansas City, Mo.
 THOMAS R. LAWHEAD, B. S., Lawyer.....
 WILLIAM W. LEATHERS, A. M., Lawyer (Died in
 1875).....Indianapolis.
 WILLIAM NIMON PICKERILL, A. M., Lawyer, 474
 Ash St.....Indianapolis.
 ISAAC N. PORCH, A. M., Minister (Died in 1885)..Bloomington.
 IRVIN ROBBINS, A. M., Manufacturer, 12 W.
 North St.....Indianapolis.
 JOHN M. SNODDY, A. M., M. D., Physician (Died
 September 20, 1890).....Mooreville.
 LYDIA E. SHORT, M. S. (Mrs. James Braden)....Irvington.
 ABRAM D. WILLIAMS, A. M., M. D., Oculist and
 Aurist, 1407 Olive St.....St. Louis, Mo.

CLASS OF 1861.

- W. W. DAUGHERTY, B. S., Captain (Retired)
 U. S. A. Los Angeles, Cal.
 CHARLES F. LOCKWOOD, A. M., Merchant, 211-13
 Wabash Ave. Chicago.
 P. J. SQUIER, A. B. (Killed at Shiloh, April 6, 1862).. Hall's Corners.
 GEO. W. SPAHR, B. S., Lawyer, 470 Ash St. Indianapolis.

CLASS OF 1862.

- WILLIAM H. BREVOORT, A. M., Farmer. Vincennes.
 MICHAEL R. BUTTZ, A. M., Lawyer (Deceased)... Liberty, Ill.
 JAMES A. BRUCE, B. S., Florist and Capitalist
 (Died December 13, 1893)..... Indianapolis.
 AUSTIN F. DENNY, A. M. (LL. B. Harvard, 1868),
 847 N. Delaware St. Indianapolis.
 ADDISON C. HARRIS, B. S., LL. B., 744 N. Me-
 ridian St. Indianapolis.
 ALVIN I. HOBBS, A. M., LL. D., Professor Theol-
 ogy Drake University (Died May, 1894)..... Des Moines, Iowa.
 JOHN T. JACKSON, A. M., Lawyer (Died 1866).... Indianapolis.
 DEMIA BUTLER, A. M. (Mrs. Townley), (Died Oct.
 26, 1867)..... Indianapolis.
 C. ELIZA BROWN, M. S. (Mrs. W. H. Wiley). Terre Haute.

CLASS OF 1863.

- H. C. GUFFIN, A. M. Indianapolis.

CLASS OF 1864.

- WICKLIFFE A. COTTON, A. M., Lawyer. De Witt, Iowa.
 ALEXANDER C. EASTER, A. M., Farmer. Burlingame, Kan.
 JOHN B. EASTER, A. M., Minister (Died Dec. 12,
 1885)..... Kansas.
 DAVID M. HILLIS, A. M., Lawyer, 3341 Prairie Ave. Chicago, Ill.
 WILLIAM H. WILEY, A. M., Sup't Schools. Terre Haute.

CLASS OF 1865.

- EDWARD L. BREVOORT, A. M., Farmer (Died
 March 12, 1882)..... Walesborough.

JOHN S. DUNCAN, B. S. (LL. B. Harvard, 1867),
 Lawyer, 672 N. Alabama St.Indianapolis.
 JAMES H. MCCOLLOUGH, A. M., Minister.....Irvington, Cal.

CLASS OF 1866.

JACOB B. BLOUNT, A. M., Minister.....Raleigh.
 HENRY H. BLACK, A. M., Real Estate Agent..Oklahoma City, O. T.
 HOWARD CALE, A. M., Lawyer, 526 Broadway... Indianapolis.
 ALFRED FAIRHURST, A. M., Professor Natural
 Sciences, Kentucky University, 351 North
 Broadway.....Lexington, Ky.
 KATHARINE E. COFFIN, M. S. (Mrs. Hiram Had-
 ley).....Albuquerque, N.M.
 ALICE E. SECREST, M. S. (Mrs. G. W. Snyder), 785
 North Delaware St.....Indianapolis.

CLASS OF 1867.

ALBERT T. BECK, A. M., Lawyer (Died April 23,
 1894)Indianapolis.
 FRANK C. CASSEL, B. S., Cashier of Bank.Rossville.
 JOHN DENTON, A. M., Lawyer.....Zenas.
 JOHN H. LEWIS, B. S., Editor.....Anderson.
 BENJ. C. WRIGHT, B. S., Lawyer, 279 N. Delaware
 StIndianapolis.
 SAMUEL WINFIELD, B. S., Merchant.....Chanute, Kan.
 DAVID UTTER, B. S., Minister.....Salt Lake City, U.
 INDIANA CRAGO, M. S. (Mrs. A. C. Harris), 744
 N. Meridian St.....Indianapolis.

CLASS OF 1868.

ALEX. C. AYRES, A. M., Lawyer, 31 Woodruff
 Place.....Indianapolis.
 SCOT BUTLER, A. M., LL. D., President Butler Col-
 lege.....Irvington.
 BARBARA P. BLOUNT, M. S. (Mrs. F. C. Cassel)...Rossville.
 ALCINDA T. BLOUNT, M. S. (Mrs. J. A. Canady)...Anderson.
 SAMUEL H. DUNLOP, A. M., New York City.....New York.
 JOS. W. MARSEE, A. M., M. D., Physician, 356 N.
 New Jersey St.....Indianapolis.
 MARY M. MOORE, M. S. (Mrs. McConnell)Oxford.

- HARRY C. RAY, A. M., Auditor Shelby Co., 66 N.
Harrison St. Shelbyville.
ANNA W. SCOVEL, M. S. (Mrs. Chauncey Butler),
107 Woodruff Place (Died Dec. 3, 1894) Indianapolis.
WALTER S. SMITH, M. S., Minister Arlington.
EDWIN TAYLOR, A. M., General Counsel E. & T.
H. R. R., E. & I. R. R., and L. E. & St. L. R. R. Evansville.
GRANVILLE S. WRIGHT, B. S., Lawyer, Central
Ave., and 23d St. Indianapolis.

CLASS OF 1869.

- CHAUNCEY BUTLER, A. B., Manufacturer, corner
Delaware and Michigan Sts. Indianapolis.
THOMAS J. BYERS, A. M., Merchant Franklin.
JOHN W. TUCKER, A. M., Lawyer Lynn, Mass.
LORENZO TUCKER, A. B., Minister (Deceased) Wabash.
HENRY JAMESON, B. S. (M. D., Ind. Med. Coll.),
Physician, 228 N. Delaware St. Indianapolis.
JOHN MOORE, B. S., Lawyer, 321 N. Penn. St. Indianapolis.
WINFIELD S. RAY, B. S., Editor Shelbyville.
WILLIAM P. STANLEY, B. S. (LL. B. Indiana Uni-
versity), Farmer Arlington.

CLASS OF 1870.

- ALONZO G. ALCOTT, A. M. (Died Nov. 7, 1880) St. Paul, Minn.
AUSTIN COUNCIL, A. B., Minister (Died March 11,
1871) Mankato, Minn.
JOHN N. BOYS, B. S., Merchant (Deceased) Steeles.
JENNIE LAUGHLIN, A. B., Teacher and Missionary
to Jamaica (Deceased) Indianapolis.
THOMAS WILSON LOCKHART, A. M., Lawyer Bakersfield, Cal.
DANIEL BOONE WILLIAMS, A. M. (M. D., Miami
Medical College, 1874), (Died Nov. 5, 1876) Los Angeles, Cal.

CLASS OF 1871.

- JAMES M. CULBERTSON, B. S., Farmer Malott Park.
JOHN H. HAMILTON, B. S., Minister (Died in 1873) New Philadelphia.
BENJAMIN F. KINNICK, A. M., Farmer Greenwood.
OSCAR F. LANE, A. M., Minister Bainbridge.

- EDWIN T. LANE, A. M., MinisterBainbridge.
 JAMES W. LOWBER, A. M. (Ph. D., Sc. D., LL. D.),
 707 W. 7th St.....Galveston, Tex.
 JAMES W. MONROE, A. M., MinisterModesto, Cal.
 ROBERT H. MYERS, A. M., Carpenter, 100 Cornell
 Ave.....Indianapolis.
 JOHN A. ROBERTS, B. S., Minister.....Irvington.
 DANIEL L. THOMAS, A. M. (LL. B., Central Law
 School), Editor (Died October 29, 1893)Rushville.
 JOHN Q. THOMAS, A. M., LL. B., Central Law
 School), Lawyer.....Rushville.
 J. LAFE THORNTON, Business Manager *Sedalia*
GazetteSedalia, Mo.
 SAMUEL E. YOUNG, A. B., Lawyer.....Cleveland, O.

CLASS OF 1872.

- WALTER RALEIGH COUCH, A. B., Minister.....Friendville, Ill.
 WALTER S. CAMPBELL, B. S., Minister.....Rushville.
 NATHAN WARD FITZGERALD, A. B., Lawyer and
 Lecturer, 610 13th St., N. W.....Washington, D. C.
 GEORGE HENRY GIFFORD, A. B., Lawyer.....Tipton.
 WILLIAM IRELAN, A. B., Minister.....Eureka Sp'gs, Ark.
 CLEMENTINE IRELAN, A. B.....Eureka Sp'gs, Ark.
 WILLARD R. LOWE, A. M., Minister, 1516 North St. Logansport.
 LEANDER P. MITCHELL, B. S. (LL. B., Indiana
 University), LawyerNew Castle.
 WILLIAM H. TILLER, A. B., Minister.....Sparta, Ky.
 CURTIS H. REMY, A. B., Lawyer, 215 Dearborn St. Chicago, Ill.

CLASS OF 1873.

- WALTER B. FERTIG, A. B., Lawyer.....Noblesville.
 JAMES I. HOPKINS, A. B., Minister.....Bryan, Texas.
 LOUIS NEWBERGER, A. B., Lawyer, 428 Capitol
 Ave. N.....Indianapolis.
 ALLEN B. THRASHER, A. M. (M. D., Medical Col-
 lege Ohio), Physician, 157 W. 9th St.....Cincinnati, O.
 WALTER S. TINGLEY, A. M. (M. D., Medical Col-
 lege Indiana), Physician, 10 W. 5th St.....Newport, Ky.

CLASS OF 1874.

- JEFFREY O. CUTTS, A. B., Minister.....Riverside, Cal.
 THOMAS SMITH GRAVES, A. B., Live Stock Broker,
 317 N. New Jersey St.....Indianapolis.
 EMMETT S. STILLWELL, A. B., Lawyer (Died May 23,
 1883)Shelbyville.

CLASS OF 1875.

- SAMUEL J. TOMLINSON, A. B., Minister.....Irvington.
 HENRY C. OWENS, B. S.....
 WILLIAM T. SELLERS, B. S. (Agt. Christian Pub.
 Co., St. Louis), Virginia Ave.....Indianapolis.

CLASS OF 1876.

- ROBERT SILAS BLOUNT, A. M., Minister (Died Oct.
 28, 1883).....Irvington.
 CHARLES H. CATON, A. B., Congregational Minis-
 ter, Englewood.....Chicago, Ill.
 NANNIE T. CUNNINGHAM, B. S. (Died Sept., 1876) ..Indianapolis.
 MELLIE B. INGELS, A. B. (Mrs. John Julian)....Irvington.
 ALONZO MARION LYSTER, A. B., Teacher (Died
 Sept. 26, 1876).....Thorntown.
 WINFIELD SCOTT MOFFETT, A. B., Lawyer, 72½ E.
 Washington St.....Indianapolis.
 JOHN REA WOODWARD, A. M. (LL. B. Univ. of
 Virginia, 1878), Lawyer (Died June 15, 1879) ..New Castle.

CLASS OF 1877.

- JOHN T. BURTON, M. S., Real Estate, Loan and
 Insurance AgentEmporia, Kan.
 WILLARD W. HUBBARD, B. S., Broker, 16 The
 Blacherne.....Indianapolis.
 HICKLIN J. LANDERS, B. S., Lumber Merchant,
 379 N. Penn. St.....Indianapolis.
 WILLIAM T. MASON, A. B., Farmer.....Mattoon, Ill.
 LAFAYETTE H. REYNOLDS, A. M. (LL. B., Central
 Law School, 1880), Lawyer (Died Oct., 1891)...Greenfield.
 LEWIS WALLACE, A. B., Lawyer, 400 N. Ill. St....Indianapolis.

CLASS OF 1878.

- ERNEST R. COPELAND, B. S., Physician.....Milwaukee, Wis.
 KATHERINE M. GRAYDON, A. M., Teacher, High
 School.....Berkeley, Cal.
 OLIVER ROMEO JOHNSON, Ph. B., Journalist, Deni-
 son House.....Indianapolis.
 ALBERT BAYARD KIRKPATRICK, B. S. (LL. B., Cen-
 tral Law School, 1880), Lawyer, (Mayor)....Kokomo.
 BIZANNA O'CONNOR, A. B.....Emmitsburg, Md.
 CHARLES E. THORNTON, A. B., Pres. Indiana So-
 ciety for Savings, 236 Broadway.....Indianapolis.

CLASS OF 1879.

- ALBERT F. ARMSTRONG, A. M., Teacher, North-
 western Christian College.....Excelsior, Minn.
 ALEMBERT W. BRAYTON, M. S., M. D., Physician,
 615 Broadway.....Indianapolis.
 DEMARCHUS C. BROWN, A. M., Greek Chair, But-
 ler College.....Irvington.
 JOSEPH A. BROWN, A. B., Lawyer.....Pontiac, Ill.
 MILES L. CLIFFORD, A. B., LL. B., Lawyer.....Tacoma, Wash.
 VINCENT G. CLIFFORD, Ph. B., LL. B., Lawyer, 174
 Bellefontaine.....Indianapolis.
 CHARLES H. GILBERT, M. S., Ph. D., Professor
 Leland Stanford, Jr., UniversityPalo Alto, Cal.
 CLARINDA C. HARRIMAN, A. B. (Mrs. L. A. Pier). Willows, Cal.
 M. BELLE HOPKINS, A. B. (Mrs. P. O. Updegraffe),
 Teacher.....Canton, Mo.
 JOSEPH B. KEALING, Ph. B., Lawyer, 714 N. Ala-
 bama St.....Indianapolis.
 EUGENE G. KREIDER, A. B., LL. B., Lawyer, Clerk
 Supreme Court.....Olympia, Wash.
 EDMUND G. LAUGHLIN, A. B., Pastor Miles Ave.
 Church.....Cleveland, Ohio.
 ALBERT B. LEWIS, A. M. (M. D., Indiana Medical
 College), Physician.....Hamilton, Kan.
 WILLIAM J. LIHAMON, A. M., Pastor Cecil Street
 Church.....Toronto, Ontario.

- NEAL S. MCCALLUM, A. M., Minister.....Irvington.
 JANET D. MOORES, A. B., 964 N. Penn. St.....Indianapolis.
 JOSEPHUS PEASELEY, A. B., Supt. Public Schools. Iowa Falls, Iowa.
 HORACE E. SMITH, A. M. (LL. B., Harvard), Law-
 yer, 578 N. Penn. St.....Indianapolis.
 JAMES A. YOUNG, A. M., Manager New York Life
 Insurance Company, 26 and 29 Bee Building. Toledo, Ohio.

CLASS OF 1880.

- WILLIAM ALEXANDER BLACK, Ph. B., Attorney
 and BrokerWellington, Kan.
 CLARENCE BOYLE, B. S., Lumber Merchant.....Chicago, Ill.
 HILTON ULTIMUS BROWN, A. M., City Editor
Indianapolis NewsIrvington.
 MARY IDA BUNKER, A. B., Principal of High
 School.....Mechanicsburg, O.
 JAMES B. CURTIS, A. M., City Attorney, 616 N.
 Penn. St.....Indianapolis.
 WILLIAM F. ELLIOTT, A. B., Lawyer, 837 N.
 Meridian St.....Indianapolis.
 FLORA FRAZIER, Ph. B. (Mrs. P. M. Dill), 872 N.
 Penn. St.....Indianapolis.
 THOMAS W. GRAFTON, A. M., Minister.....Rock Island, Ill.
 LETITIA B. LAUGHLIN, B. S., M. D., Physician, 54
 High St.....Warren, O.
 EMMA C. SWAIN, Ph. B. (Mrs. Dwyer).....Indianapolis.
 MINNIE TRESSLAR, Ph. M., Teacher in High
 School, 1023 West Fourth St.....Marion.
 WALTER O. WILLIAMS, Ph. B. (with E. C. Atkins
 & Co.), 110 Talbott Ave.....Indianapolis.

CLASS OF 1881.

- LEVI P. AYRES, B. S., Farmer, Michigan Ave....Indianapolis.
 MARY E. COUSE, B. S. (Mrs. O. P. Gould), (Died
 1892).....Winona, Minn.
 EDWARD W. DARST, A. B., Minister, 5622 Jeffer-
 son Ave.....Chicago, Ill.
 WALTER M. FLOYD, A. B. (LL. B. Central Law
 School, 1882), Lawyer (Died August 26, 1882). St. Paul.

W. HENRY GROVE, Ph. B., Lawyer	Glasgow, Ky.
LORA C. HOSS, A. B., Merchant	Kokomo.
COLIN E. KING, A. B., Lawyer	New York City.
SOLOMON METZLER, A. M., Teacher and Minister.	Wauseon, O.
LOUIS MORGAN, A. M., Dairyman, Sherman Drive.	Indianapolis.
MINNIE OLCOTT, A. B. (Mrs. M. Raymond Williams)	Irvington.
LIZZIE G. SMITH, Ph. B. (Mrs. Isaac Harlan), 68 Michigan Ave.....	Indianapolis.
SILAS A. WURTZ, A. B., Minister.....	—————

CLASS OF 1882.

CLAUDE HARRISON EVEREST, A. B., Farmer	Hutchinson, Kan.
TADE HARTSUFF, Ph. B. (Mrs. J. B. Kuhns).....	Greensburg, Pa.
BURGESS L. McELROY, A. B., General Insurance Agent.....	Mt. Vernon, O.
LEWIS A. PIER, A. M.....	Willows, Cal.
MAY LOUISE SHIPP, Ph. B., 540 N. Delaware St.	Indianapolis.
MARCELLUS J. THOMPSON, A. M. (University of Michigan), Professor of Physics, University of Missouri (Died Dec. 17, 1890).....	Columbia, Mo.

CLASS OF 1883.

ROBERT L. DORSEY, A. B., Tucker & Dorsey, Manufacturers, 233 Central Ave.	Indianapolis.
JEAN H. EVEREST, A. M., Lawyer.....	Oklahoma City, O. T.
REVILLO P. HALDEMAN, Ph. B., Loan Agent	Springfield, Mo.
MARGARET A. HUSTED, Ph. M., 157 Walcott St. .	Indianapolis.
THOMAS M. IDEN, Ph. M., Chair of Chemistry and Physics, Butler College.....	Irvington.
CAREY E. MORGAN, A. M., Minister, 2000 Portland Ave.....	Minneapolis, Minn.
MARTIN A. MORRISON, A. B. (LL. B. University of Virginia, 1886), Lawyer.....	Frankfort.
MILTON O. NARAMORE, A. M., LL. B., Lawyer, Sec. The Kent Law School, 902 Woman's Temple.....	Chicago, Ill.
CORA M. SMITH, A. M.....	Irvington.

CLASS OF 1884.

- LEWIS CLARK BREEDEN, A. B., Editor.....Summun, Ill.
 SHERMAN TOWN BURGESS, A. B., Real Estate Agt.Scott, Kan.
 ALBERT MUNSON CHAMBERLAIN, A. M., Financial
 Agent Butler College.....Irvington.
 LOT DICKSON GUFFIN, A. B., Lawyer.....Rushville.
 FRANCES ELLEN HUSTED, A. B. (Mrs. W. H. Barr),
 157 Walcott St.....Indianapolis.
 GRACE GIDDINGS JULIAN, Ph. M. (Mrs. C. B.
 Clarke).....Irvington.
 WM.WALLACE KNAPP, Ph. B., Abstracter of Titles,Irvington.
 JOHN BUGHER KUHN, A. B., Merchant.....Greensburg, Pa.
 MARY LUCINDA LAUGHLIN, Ph. B., Professor of
 Music.....Marion, Ala.
 MATTIE McCLURE, A. B., Trained Nurse.....New York City.
 JOHN McKEE, A. B., Minister.....Jefferson, Iowa.
 ELLA MAY DAILEY (Mrs. C. E. Morgan), Ph. B.,
 2000 Portland Ave.....Minneapolis, Minn.
 ELMER ISAAC PHILLIPS, B. S., Lawyer.....New Castle, Pa.
 ROBERT SELLERS, A. B., Minister.....South Bend.
 JAMES HENRY O. SMITH, A. B., Minister, 908
 Adams St.....Chicago, Ill.
 WILLIAM CLEMENT SMITH, B. S.,Real Estate and
 Rental Agent.....Indianapolis.
 JOHN FRANCIS STONE, B. S., Lawyer.....Guthrie, Okla.
 MATTIE WADE, Ph. M. (Mrs. W. B. Parks)...Thorp's Springs, Tex.

CLASS OF 1885.

- RICHARD F. BIGGER, Ph. B., M. D., 301 N. Del. St.Indianapolis.
 ARTHUR V. BROWN, Ph. B., Attorney for Marion
 County, 299 N. Meridian St.....Indianapolis.
 EDMUND H. HINSHAW, A. B. Lawyer.....Fairbury, Neb.
 JOHN ARTHUR KAUTZ, A. M., Editor Gazette-Tri-
 bune.....Kokomo.
 CHARLES A. MARSTELLER, Ph. B., Broker.....Lafayette.
 LOURETTA E. MORGAN,Ph.B.(Mrs. Robert Sellers),South Bend.
 ELECTA MURRY, Ph. B. (Mrs. O. M. Pruitt), 61
 Columbia Ave.....Indianapolis.

DORA A. PENDLETON, Ph. M. (Mrs. C. C. Riley),
 777 N. New Jersey St. Indianapolis.
 FANNIE M. PHILLIPS, B. S. (Mrs. J. F. Stone).... Guthrie, Okla.
 ORAN M. PRUITT, A. M. (with Indiana Lumber
 and Veneer Co.), 61 Columbia Ave. Indianapolis.

CLASS OF 1886.

IDA MAY FINDLEY, A. B. Hebron.
 JOHN PAUL FINDLEY, A. B., Minister. Hebron.
 ROBERT ALEXANDER GILCREST, A. M., Minister.. Centerville, Iowa.
 JULIET HOLLAND, Ph. B. Washington, D. C.
 THOMAS UNDERWOOD RAYMOND, A. B., M. D.
 Vancouver Barracks, Wash.
 MYRTELLA SEWALL, Ph. B. (Mrs. N. B. Whitsel). Hudson, Ind.
 CORINNE T. THRASHER, Ph. B. (Mrs. O. O. Car-
 vin) Irvington.

CLASS OF 1887.

DORA GRACE BLOUNT, Ph. B., Teacher. Irvington.
 LAWSON A. COBLE, A. B., Minister. Oakland City.
 ERASTUS S. CONNER, A. B., Minister. Noblesville.
 BENJAMIN F. DAILY, A. M., Theological Student
 Yale Univ. New Haven, Conn.
 EMMETT W. GANS, Ph. B. (with Aultman, Taylor
 & Co.) Mansfield, Ohio.
 JANE GRAYDON, A. B., Teacher, 288 Central Ave. Indianapolis.
 F. ROLLIN KAUTZ, A. M. (with Bowen-Merrill
 Co.) Indianapolis.
 JAMES S. MCCALLUM, A. B., Minister. Olympia, Wash.
 GERTRUDE R. MAHORNEY, Ph. M., Teacher, 255
 W. Second St. Indianapolis.
 MARTHA O. MURRY, Ph. B. (Mrs. E. W. Hoover),
 13 Reisner St. Indianapolis.
 JOHN A. RELLER, A. B., Minister. Sidney, Ohio.
 ARTHUR W. SHOEMAKER, Ph. B., Minister Daleville.
 SALLIE B. THRASHER, B. S. (Mrs. A. J. Brown)...
 Grand Rapids, Mich.
 HENRY M. TONER, B. S., M. D. Spencer.
 FRED M. WADE, B. S. Manchester, Iowa.

OMAR WILSON, A. B., Principal Burgess Hall Preparatory School.....Irvington.
 ELIAS P. WISE, A. B., Minister.....Massillon, Ohio.

CLASS OF 1888.

WILLIAM WILSON BUCHANAN, A. B. (with Bowen-Merrill Book Co.).....Indianapolis.
 GEORGE HARRIS CLARKE, B. S., Minister, 330 W. First St.....Indianapolis.
 JOHN DEEM FALL, B. S., Postal Clerk, L. S. & M. S. R. R.....Cleveland, Ohio.
 ELTON ANDREW GONGWER, A. B., Lawyer, 2588 Broadway.....Cleveland, O.
 KATE BLANCHE HADLEY, Ph. B. (Mrs. W. W. Buchanan).....Indianapolis.
 ARCHIBALD MCCLELLAND HALL, A. M., Ph. D., Professor of Hebrew, Butler College.....Irvington.
 OSCAR CLEMENS HELMING, Ph. B., Minister.....Atchison, Kan.
 WILLIAM CLARENCE McCULLOUGH, A. B., Teacher (A. M. Univ. Mich., '90).....Stockwell.
 FRANK HAMILTON MARSHALL, A. M., Prof. Greek and Hebrew, Northwestern Christian College. Excelsior, Minn.
 HUGH THOMAS MILLER, A. B., Prof. of History and French, Butler College.....Irvington.
 LOUIS JACKSON MORGAN, Ph. B. (LL. B., Yale), Attorney at Law, 598 N. New Jersey St.....Indianapolis.
 JOHN CAMPBELL MORRISON, A. B., Real Estate and Loan Office.....Frankfort.
 WILLIAM MULLENDORE, A. B., Minister.....Somerset, Pa.
 JAMES BUCHANAN PEARCY, Ph. B., Principal High School.....Anderson.
 MARY PADDOCK, A. B., Printer and Publisher...Irvington.
 GEORGE WASHINGTON REDMON, JR., Ph. B., M. D. (Died Nov. 30, 1894).. ..Champaign, Ill.
 JAMES CHALLEN SMITH, A. M., Minister.....Irvington.

CLASS OF 1889.

JENNIE E. ARMSTRONG, A. B. (Mrs. T. C. Howe).. Irvington.
 PERRY H. CLIFFORD, Ph. B. (with Western Hose and Belting Co.), 5556 Monroe Ave.....Chicago, Ill.

TROUSSEAU DAILEY, Ph. B. (Died Aug. 15, 1894) . . Indianapolis.
 H. EDWIN FRAZIER, B. S., Bookkeeper, Indiana
 Car and Foundry Co. Indianapolis.
 WILLIAM H. GRAFFIS, Ph. B., Journalist. Logansport.
 THOMAS C. HOWE, A. M., Prof. Germanic Lan-
 guages, Butler College Irvington.
 GENEVRA HILL, Ph. B. (Mrs. Kirkman) Richmond.
 WILLIAM G. IRWIN, B. S., Banker. Columbus.
 MARK A. LEMILLER, Ph. B. Hutchinson, Kan.
 URBAN C. MALLON, Ph. B., Merchant. Francesville.
 JOSEPH R. MORGAN, Ph. B. (M. L., Yale), Attorney
 at Law, 598 N. New Jersey St. Indianapolis.
 JOHN J. MAHORNEY, Ph. B., Surveyor (Died 1892) . Irvington.
 WILLIAM F. ROSS, A. B., M. D., Physician. Brooklyn.
 FLORA SHANK, Ph. B., State Sec. Y. W. C. A. Irvington.
 CLARA L. SHANK, A. M., Teacher. Irvington.

CLASS OF 1890.

ROMAINE BRADEN, A. B. Irvington.
 BENJAMIN MARSHALL DAVIS, M. S., Acting Profes-
 sor of Biology and Geology, Butler College. . . Irvington.
 JOHN FRANK FINDLEY, A. B., Minister.
 CHARLES M. FILLMORE, A. B., Minister. Peru.
 OTIS WEBSTER GREEN, B. S. (with Indianapolis
 Drug Co.), 50 Ruckle St. Indianapolis.
 JULIA MOORES GRAYDON, A. B. (Mrs. Alexander
 Jameson), 767 N. New Jersey St. Indianapolis.
 J. NEWTON JESSUP, A. B., Minister. Vincennes.
 INDIANA LOUISIANA MARTZ, A. B., Teacher. Kokomo.
 TACE CLARA BELLE MEEKER, A. B. (Mrs.
 Stearnes), College Drive Chicago, Ill.
 FRANK D. MUSE, A. B., Minister. Martinsville.
 HENRY THOMAS MANN, B. S., Farmer. Gilman, Ill.
 JOHN D. NICHOLS, A. M. (M. D., Ind. Med. Col-
 lege), Supt. City Hospital Indianapolis.
 LAZ NOBLE, A. B., Merchant, 32 The Blacherne. . Indianapolis.
 HENRY STEWART SCHELL, A. M., Professor of
 Greek, Bethany College. Bethany, W. Va.
 ALEXANDER CAMPBELL SMITHER, A. B., Minister. . Los Angeles, Cal.

AUGUSTA L. STEVENSON, A. B., Teacher.....Irvington.
 VIDA C. TIBBOTT, A. M., Teacher.....Irvington.
 T. H. KUHN (A. B., Wabash), A. M., Ph. D., Minister.....Tipton.

CLASS OF 1891.

GEORGIA E. BUTLER, A. B. (Mrs. Perry H. Clifford), 5556 Monroe Ave.....Chicago, Ill.
 MARY I. BROUSE, A. B., Teacher.....Irvington.
 ROBERT P. COLLINS, A. B.Berlin, Pa.
 MARK COLLINS, A. B., Missionary.....Lagos, Africa.
 EUGENE J. DAVIS, B. S. (M. D., Ind. Med. College), Physician, College Ave.....Indianapolis.
 CHARLES L. DEHAAS, A. B., Lawyer.....Indianapolis.
 WILLIAM P. HAY, M. S., Teacher Science, High SchoolWashington, D. C.
 ROBERT HALL, A. M., Ph. D., Minister..Irvington.
 EVA M. JEFFRIES, A. B., Teacher of Music.....Irvington.
 ELIZABETH D. LAYMAN, A. B.Irvington.
 H. W. MCKANE, A. B., Minister..Jeffersonville.
 JESSE H. MAVITY, A. B., Minister.....Kewanna.
 PERRY T. MARTIN, A. B., Teacher.....Crawfordsville.
 EMERSON W. MATTHEWS, A. B., Editor *Pacific Christian*.....San Francisco, Cal.
 RAY D. MEEKER, B. S., Lawyer.....Sullivan, Ill.
 GRACE L. MURRY, A. B., Teacher, 107 Park Ave.. Indianapolis.
 W. G. MCCOLLEY, A. B., Minister.....Bloomington, Mich.
 FRANCES M. PERRY, A. M., Teacher, 51 Broadway. Indianapolis.
 LUTHER E. SELLERS, A. B., Theological Student, University of Chicago.....Chicago, Ill.

CLASS OF 1892.

BOWEN C. BOWELL, A. B. (M. D. College of Physicians and Surgeons, Chicago), Physician... Rolling Prairie.
 JOHN M. BREVOORT, A. B., Farmer.....Vincennes.
 REED CARR, A. B., Teacher.....Orleans.
 WILLIAM F. CLARKE, A. M., Ministerial Student, Butler College.....Mt. Auburn.
 R. FRANKLIN DAVIDSON, A. M., Law Student... Indianapolis.
 THOMAS AARON HALL, A. M., Minister.....Connersville.

GERTRUDE JOHNSON, A. B. (Mrs. Otis Greene), 50
 Ruckle St. Indianapolis.
 W. FRANK LACY, A. B., Lumber Merchant. Poplar Grove, Ark.
 ALFRED LAUTER, A. B., Cabinet Maker, 322 Home
 Ave. Indianapolis.
 LECTANIA MAY NEWCOMB, A. B., Teacher. Irvington.
 SAMUEL H. SHANK, A. B., Law Student, Ind. Law
 College Irvington.
 WILLIAM SNODGRASS, A. B., Teacher. Cyclone.
 BERTHA THORMYER, A. B., Teacher. Niles, Mich.
 AVERY A. WILLIAMS, A. B. (Died Jan. 17, 1894) .. Wabash.
 DE MOTTE WILSON, A. B., Teacher. Irvington.

CLASS OF 1893.

STELLA BRADEN, A. B., Teacher. New Point, La.
 JESSE LINCOLN BRADY, A. B., Minister. Fowler.
 HARRY SEYMOUR BROWN, B. S., Law Student, 16
 Arch St. Indianapolis.
 EVELYN MITCHELL BUTLER, A. B., Instructor,
 Burgess Hall Preparatory School. Irvington.
 EDWARD HARRY CLIFFORD, A. B., Business. Irvington.
 JULIA FISH, A. B. Indianapolis.
 WILL DAVID HOWE, A. B., Acting Professor of Eng-
 lish, Butler College. Irvington.
 FRANK F. HUMMEL, B. S., Teacher. Kokomo.
 LONA LOUISE IDEN, A. B. (Mrs. W. F. Lacy) Poplar Grove, Ark.
 DANIEL WONDERLICH LAYMAN, B. S., Medical
 Student Coll. Phys. and Surg. New York City.
 JOHN MINNICK, B. S. Teacher. Bluffton.
 MARY EOLA THOMAS, A. B. Riverside, Cal.
 LUTHER ADDISON THOMPSON, B. S., Teacher. Acton.
 BERTHA BELLE WARD, A. B., 378 N. New Jersey St. Indianapolis.
 FRANK FORD WILLIAMS, B. S., Auditor's Office. .. Wabash.

CLASS OF 1894.

CHARLES ELSWORTH BAKER, A. B., Journalist. Peru.
 JOHN WILBERT BARNETT, A. M., Minister. Columbus, Ohio.
 EDWIN WALLACE BRICKERT, A. B., Minister. Washington.
 GEORGE GREEN BRUER, A. M., Minister. Russiaville.
 ROSE ELLIOTT, A. B., Teacher, 374 Cornell Ave. .. Indianapolis.

MARY BEMIS GALVIN, A. B., City Sec. Y. W. C. A.	Schenectady, N.Y.
CLARA MAE GOE, A. B.	Irvington.
GEORGE ELMER HICKS, A. M., Minister.	Irvington.
EMMA CLAIRE JOHNSON, A. B.	Irvington.
ISABELLE AURELIA MOORE, A. B.	Wanamaker.
ORA MAY MURRAY, A. B.	Olathe, Kansas.
CHARLES ALBERT RILEY, A. M., Minister.	Irvington.
CHARLES AUGUSTUS STEVENS, A. M., Minister.	Irvington.
ANNA CHARLOTTE STOVER, A. M., Teacher.	Anderson.
EDITH DAISY SURBEY, A. B., Teacher, 335 E. South Street.	Indianapolis.
MYRTLE VAN SICKLE, A. B.	Fenton.

CLASS OF 1895.

MAY BRAYTON, A. B., 615 Broadway.	Indianapolis.
NELSON DEWEY BRAYTON, A. B., 615 Broadway.	Indianapolis.
HARRIET NELL BREVOORT, A. B.	Columbus.
EDWARD AUGUSTUS BROWN, A. B.	Wanamaker.
EDGAR THOMAS FORSYTH, A. B., Teacher.	Connersville.
GEORGIA NOBLE GALVIN, A. B.	Irvington.
EVA LOU GOODYKOONTZ, A. B.	Haughville.
DORA GREENE, A. B., Teacher.	Plainfield.
LORA COLLINS HADLEY, A. B.	Indianapolis.
HARRY LEONARD HENDERSON, A. B., Minister.	Irvington.
GEORGE WILSON HQKE, A. B., Supt. of Schools.	Lagro.
ARTHUR ALBERT JOHNSON, A. B.	Irvington.
MARY LOUISA LEPPER, A. B., Teacher.	Mt. Carroll, Ill.
LAURA MACE, A. B., Medical Student, Indiana Medical School, 249 N. Alabama St.	Indianapolis.
ROSE MACNEAL, A. B., Tutor in Latin, Butler College Preparatory School.	Irvington.
BERTHA NEGLEY, A. B.	Irvington.
GRACE MAY REEVES, A. B. (Mrs. John Little Morris), The Plaza.	Chicago, Ill.
LAURA EVELYN RUPP, A. B., Teacher, cor. Russell and Ohio Sts.	Indianapolis.
CHARLES BURR TAYLOR, A. B., Ministerial Student, Butler College.	Indianapolis, Iowa.
MARY EDNA ARNOLD (A. B. Univ. of Ill.), A. M., Ministerial Student, Butler College.	Souders, Ill.

HONORARY DEGREES CONFERRED.

- *HON. OLIVER P. MORTON, LL. D., 1871.
- *HON. CONRAD BAKER, LL. D., 1871.
- *HON. JAMES A. GARFIELD, LL. D., 1871.
- PROF. ALLEN R. BENTON, LL. D., 1871, Professor of Philosophy,
Butler College.
- *HON. HORATIO C. NEWCOMB, LL. D., 1871.
- HON. WM. M. FRANKLIN, LL. D., 1871.
- *OVID BUTLER, LL. D., 1871.
- HON. BYRON K. ELLIOTT, A. M., 1871, Dean, Indiana Law School,
Indianapolis, Ind.
- A. C. SHORTRIDGE, A. M., 1871.
- *HON. MILTON B. HOPKINS, A. M., 1871.
- CATHERINE MERRILL, A. M., 1871, Teacher, Indianapolis, Ind.
- CHARLES E. HOLLENBECK, A. M., 1871, Publisher, Indianapolis,
Ind.
- PROF. ELI F. BROWN, B. S., 1876.
- *PROF. J. O. HOPKINS, A. M., 1876.
- *JUDGE JOHN A. HOLMAN, A. M., 1877.
- PRES. DAVID S. JORDAN, Ph. D., 1877, President, Leland Stanford
Jr. University, Palo Alto, Cal.
- *PRES. OTIS A. BURGESS, LL. D., 1877.
- PROF. MELVILLE B. ANDERSON, A. M., 1878, Professor of English
Literature, Leland Stanford Jr. University.
- PROF. DELASKIE MILLER, Ph. D., 1879, Physician (Specialist), Chi-
cago, Ill.
- PROF. ELI F. BROWN, M. S., 1880, Superintendent Public Schools,
Riverside, Cal.
- MARION THRASHER, M. D., 1883, 1228 Market Street, San Fran-
cisco, Cal.

*Deceased.

- J. H. McCULLOUGH, A. M., 1883, Minister, Irvington, Cal.
DR. RUFUS BLOUNT, A. M., 1883, Physician, Wabash, Ind.
DR. F. GRAYSTON, A. M., 1883, Physician, Huntington, Ind.
*ALVIN I. HOBBS, LL. D., 1885, Minister, Dean, Theological Fac.
Drake University, Des Moines, Iowa.
*ISAAC ERRETT, LL. D., 1886, Editor, *Christian Standard*, Cincinnati, O.
PRES. A. G. THOMAS, LL. D., 1886, President, Burritt College, Spencer, Tenn.
PRES. S. R. CRUMBAUGH, LL. D., 1886, President, South Kentucky College, Hopkinsville, Ky.
PRES. W. Y. TAYLOR, A. M., 1886, President, Lagarto College, Lagarto, Tex.
HARRIET NOBLE, A. M., 1886, Indianapolis, Ind.
W. T. MOORE, LL. D., 1887, Professor of Biblical Dept. Columbia College, Mo.
ISAAC A. HARVEY, Ph. D., 1887, Geologist, Penn.
MILTON J. MALLORY, A. M., 1887, Superintendent City Schools Crown Point, Ind.
CHARLES LOUIS LOOS, LL. D., 1888, President, Kentucky University, Lexington, Ky.
HON. Z. T. SWEENEY, LL. D., 1889, Columbus, Ind.
LIEUT. THOMAS U. RAYMOND, A. M., 1890, Vancouver Barracks, Wash.
J. L. DICKENS, LL. D., 1891, President Texas Female Seminary, Weatherford, Texas.
LEWIS A. PIER, A. M., 1891, Willows, Cal.
DORMAN S. KELLY, A. M., 1892, Department Natural History, State Normal School, Emporia, Kansas.
FRANK O. MORRISON, A. B., 1895, Physician, Indianapolis.
SCOT BUTLER, LL. D., 1896, President Butler College, Irvington.
HUGH C. GARVIN, Ph. D., 1896, Professor Biblical Theology, Butler College, Irvington.

* Deceased.

THE
ANNUAL CATALOGUE
OF
BUTLER COLLEGE

DEPARTMENT OF ARTS.....
UNIVERSITY OF INDIANAPOLIS

For the Forty-Second Session

1896-'97

WITH ANNOUNCEMENTS FOR 1897-'98

INDIANAPOLIS
CARLON & HOLLENBECK, PRINTERS AND BINDERS
1897

TABLE OF CONTENTS.

	PAGE.
UNIVERSITY OF INDIANAPOLIS.....	5-11
BUTLER COLLEGE.....	11
CALENDAR.....	12-13
BOARD OF DIRECTORS	14
FACULTY	15-17
ORGANIZATION : Historical Sketch, Directorship, Financial Condition, Educational Purpose, Religious Influences, Higher Education of Women, Facilities for Self-support by Students, Pecuniary Assistance to Students, Chris- tian Associations, Butler Collegian, Other Student Or- ganizations, Oratorical Association, Athletic Associa- tion, Gymnasium Practice, Literary and Musical Ad- vantages, Popular Lectures, Optional and Special Students, Graduate Students, Memorial Gifts	19-31
LOCATION AND BUILDINGS : Location and Surroundings, Main College Buildings, Library Hall, Astronomical Obser- vatory, Boarding Hall, Library, Museum, Chemical Laboratory, Gymnasium.....	32-39
DEPARTMENTS OF INSTRUCTION : The Bible, Philosophy, Soci- ology, Economics, Pedagogy, Mathematics, Latin, Greek, English, German, French, Natural History, Botany, Geology, Physics, Chemistry, Elocution, Phys- ical Culture.....	40-59
ADMISSION : To Whom Open, Entrance Examinations, Admis- sion on Examination, Examination of Optional Stu- dents, Admission without Examination, High School Graduates, Admission to Advanced Standing	61-65
RESIDENCE : Registration, Enrollment Each Term, Religious Duties, Class Exercises, Final Examinations of the Term, Exemption from Examinations, Classification of Students, Term Reports, Prize Contests, Payments to the College, Expense of Residence.....	66-70

	PAGE.
GRADUATION : General Requirements, Baccalaureate Degrees, Baccalaureate Theses, Advanced Degrees.....	71-73
COURSES OF STUDY.....	74
Work of Freshman Year.....	75-78
Work of Sophomore Year.....	78-81
Work of Junior Year.....	81-85
Work of Senior Year	85-90
Scheme of Daily Recitations.....	91
PREPARATORY SCHOOL: Instructors, Organization, Purpose, Admission, Classification, Examinations, Classes, Phys- ical Exercise, Library and Reading Room, Contest in Declamation, Methods of Instruction, Courses of Study.	92-99
SUMMER SCHOOL.....	60
CATALOGUE OF STUDENTS.....	100-108
ALUMNI	109-126
HONORARY DEGREES CONFERRED	127-128

UNIVERSITY OF INDIANAPOLIS.

ACKNOWLEDGMENT OF BENEFACTIONS.

Butler College is under obligations to many of its friends and patrons. Some of them, particularly, have, by their generosity, enabled the college to accomplish work this year that otherwise would have been impossible. Their assistance, also, has encouraged the board to undertake still other work that promises well for the students and the courses of study. It is not invidious to name among these Mr. Allen M. Fletcher, Mr. Addison C. Harris, Mr. Charles E. Hollenbeck, Mr. John R. Pearson, Mr. John T. Dye, Dr. P. H. Jameson and Mr. Charles E. Thornton.

“There shall be a board of trustees, consisting of fifteen persons, who shall serve without compensation; these shall be chosen for the first year by the persons whose names are hereto signed; after the first year, the senate of the University (as hereinafter provided for) shall select three members of such board, and in case of vacancy by death, resignation, or otherwise, of any one of said three members, the senate shall fill the place so vacated. The president of the University and the mayor of Indianapolis shall each, *ex officio*, be a member of such board. The remaining ten members of the board of trustees shall, at the end of the first year, be selected by the board whose term is then about to expire, and thereafter all vacancies in the list of said ten members so chosen shall be filled by said board.

	PAGE.
GRADUATION : General Requirements, Baccalaureate Degrees, Baccalaureate Theses, Advanced Degrees.....	71-73
COURSES OF STUDY.....	74
Work of Freshman Year.....	75-78
Work of Sophomore Year.....	78-81
Work of Junior Year.....	81-85
Work of Senior Year	85-90

UNIVERSITY OF INDIANAPOLIS.

It having become evident that the interests of higher education may best be furthered by the consolidation under one general management of the leading educational institutions of Indianapolis, such consolidation has been effected and articles of association have been duly filed. The purposes of the corporation thus formed, and the manner of its organization, are indicated in its articles of association as follows :

“The name of the corporation shall be the UNIVERSITY OF INDIANAPOLIS.

“The objects for which it is formed are, to afford facilities for higher education in the arts, sciences and professions.

“The said University shall acquire, own, hold and control the necessary lands and buildings for the purposes of the University ; shall confer degrees, grant diplomas, and exercise all lawful powers incident to such corporation.

“For the purpose of securing the ends for which the University is organized, there shall be a school of the liberal arts, a school of medicine, a school of law, a school of dentistry, and such other schools as shall further the cause of higher education.

“There shall be a board of trustees, consisting of fifteen persons, who shall serve without compensation ; these shall be chosen for the first year by the persons whose names are hereto signed ; after the first year, the senate of the University (as hereinafter provided for) shall select three members of such board, and in case of vacancy by death, resignation, or otherwise, of any one of said three members, the senate shall fill the place so vacated. The president of the University and the mayor of Indianapolis shall each, *ex officio*, be a member of such board. The remaining ten members of the board of trustees shall, at the end of the first year, be selected by the board whose term is then about to expire, and thereafter all vacancies in the list of said ten members so chosen shall be filled by said board.

The board of trustees shall have charge, control and management of the property interests and financial affairs of the University, and these powers shall include, also, the power to determine the compensation of all officers, professors and employes of the University.

“There shall be a senate of the University consisting of one representatives from each school, selected by the same, except that the school of liberal arts shall have two representatives in said senate, by it chosen ; *provided*, however, that the total number composing said senate shall not exceed twelve. The members of the said senate shall serve without compensation. The senate shall have charge and control of the educational interests of the University. There shall be a president of the University, to be chosen by the joint vote of the board of trustees and the senate, and there may be such other officers of the University as may be deemed necessary or expedient by the board and senate thus acting. All officers so chosen shall hold office during the pleasure of the board and senate.

“Should any existing school heretofore organized, or any school hereafter organized for educational purposes, desire to become a school in this University, the same can do so, when permitted by law, upon the consent of the board of trustees, on the recommendation to such board by the senate upon terms to be agreed upon by and between such school or schools, and the board of trustees. And, in admitting such school or schools, the said board shall have the power to agree, among other things, that such school or schools may each have the management and control of its own separate property and special officers, and the right to select and discharge its professors and determine their compensation, and the power of recommending for degrees and diplomas at the hands of the University, those whom the said school or schools may deem worthy of such degrees or diplomas ; *provided*, however, that during the first year, the recommendation of the senate to the board of trustees for the admission of any school or schools shall be dispensed with. These articles may be amended by a two-thirds vote of the board of trustees and the senate acting together.”

In pursuance of the above, the following officers have been chosen :

PRESIDENT OF THE UNIVERSITY.

ACADEMICAL SENATE.

SCOT BUTLER, President. WILLIAM C. BOBBS, Secretary.
 HARRY S. HICKS. DEMARCHUS C. BROWN.
 EDWARD F. HODGES.

BOARD OF TRUSTEES.

ALLEN M. FLEETHER, *President*. GEORGE E. HUNT, *Secretary*.
 HERMAN LIEBER, *Treasurer*.

P. H. JAMESON. ELI LILLY. A. C. HARRIS.
 THOMAS TAGGART. BENJAMIN HARRISON. EDWARD H. DEAN.
 STERLING R. HOLT. M. J. OSGOOD. J. W. MARSEE.
 SCOT BUTLER. HILTON U. BROWN. W. P. FISHBACK.

The following colleges have been admitted to this corporation and compose the

UNIVERSITY OF INDIANAPOLIS.

DEPARTMENT OF ARTS Butler College.
 DEPARTMENT OF MEDICINE..... Medical College of Indiana.
 DEPARTMENT OF LAW..... Indiana Law School.
 DEPARTMENT OF DENTAL SURGERY..... Indiana Dental College.

SUMMARY.

1896-97.

	No. in Faculty.	Students enrolled.
Department of Arts.....	21	237
Department of Medicine.....	19	198
Department of Law.....	13	88
Department of Dental Surgery	14	183
Total.....	67	706

Medical Department

The Medical College of Indiana.

The twenty-seventh annual session of this school closed March 31, 1897. This was the most prosperous session the institution has ever known, both in point of attendance and thoroughness of instruction. For the first time in its history the college has a building erected especially for it, and fitted up in such a manner as to suit the requirements of advanced medical education.

The new building, occupied exclusively by the college, situated on the corner of Market street and Senate avenue North, has proved satisfactory in every respect. The facilities for instruction, which now compare favorably with most colleges, will be considerably increased with the beginning of the next session.

This institution has now become a department of the University of Indianapolis. Its name, however, will be preserved as heretofore. The alliance will insure increased stability and support, and will in many ways, it is confidently expected, benefit the institution, and make its diplomas more valuable and desirable.

The matriculation list of the last session showed one hundred and ninety-eight students in attendance. The Faculty numbers nineteen, with sixteen lecturers and assistants. The twenty-eighth annual session will begin September 28, 1897.

For catalogues and all particulars as to curriculum, fees and special facilities for teaching, address the Dean, JOS. W. MARSEE, M. D., No. 206½ East New York street, Indianapolis.

Law Department

Indiana Law School.

The Indiana Law School, the Law Department of the University, enters upon its fourth year with every prospect of increasing success and usefulness. As location for a law school, the city of Indianapolis has no superior in the country. Nowhere has the student better opportunities to watch the progress of all sorts of litigation in courts of all grades. All the courts of the state of Indiana, from the supreme court down to that of lowest jurisdiction, and also the United States circuit and district courts, are in almost continuous session here during the school year. The value to the student of the knowledge of court procedure to be thus secured can hardly be placed too high. He not only learns routine court work, but he learns, also, the manner of cross-examination of witnesses; he sees the practical application of the rules governing the admission of evidence, and the methods of its introduction; not only this, but the student is thus afforded opportunities to observe and study the trial methods and styles of argument of prominent lawyers from all parts of the country, as they are brought here by litigation in which they are interested.

Indianapolis presents the advantages of city life without the drawbacks of a city of the largest size. The cost of living here is low, although it is the seat of great professional and commercial activity. The litigation arising in the different courts is of the most varied character, and involves the most diverse business interests, and the student may thus acquaint himself with business methods as well as court procedure.

For catalogue and further information address the Dean, W. P. FISHBACK, Indianapolis, Ind.

Dental Department

Indiana Dental College.

The Indiana Dental College will begin its nineteenth annual session October 5, 1897. The college is now occupying its own building, which was erected for dental educational purposes. The building is on the southwest corner of Ohio and Delaware streets; centrally located and easily accessible from all parts of the city.

During the session of 1896-1897 there were 183 students in attendance at the Indiana Dental College. Of these 54 were Seniors, 57 were Juniors and 72 were Freshmen. The growth of the college has been steady and sure, indicating its worth as an educational institute. Our students come from all parts of the United States.

The fame of our city as an educational center is rapidly spreading. Indianapolis is now closer to the center of population of the United States than any other city. Its railroad facilities, healthfulness, and other advantages combine to render it an ideal college town.

For catalogue and further information address

INDIANA DENTAL COLLEGE, INDIANAPOLIS.

Department of the Liberal Arts**Butler College, Irvington.**

The purpose of this department of the University is to furnish the means of a general education in the arts and sciences. It is believed that such education not only contributes to liberal culture, but affords a preliminary training of immense practical value in professional or business life. For detailed catalogue see following pages.

BUTLER COLLEGE CALENDAR

1897-'98.

SUMMER SCHOOL.

June 28..MondayBegins.
July 14..Wednesday..Quarterly Meeting Board Directors.
Aug. 6..FridaySummer School ends.

FALL TERM.

Sept.30..Thursday....Registration of Students.
Oct. 2..Saturday....Instruction begins.
Oct. 13..Wednesday..Quarterly Meeting Board Directors.
Nov. 25..Thursday....Thanksgiving Day.
Dec. 18..Saturday....Graduating Theses announced.
Dec. 22..Wednesday..Term Examinations.
Dec. 23..Thursday....Term Examinations.
Dec. 23..Thursday....Fall Term ends.

WINTER TERM.

Jan. 4..TuesdayRegistration of Students.
Jan. 5..Wednesday..Instruction begins.
Jan. 12..Wednesday..Quarterly Meeting Board Directors.
Jan. 21..FridayState Oratorical Contest.
Feb. 7..MondayFounder's Day.
Feb. 22..TuesdayWashington's Birthday.
Mar. 25..FridayInter-Collegiate Debate.
Mar. 26..Saturday....Term Examinations.
Mar. 29..TuesdayTerm Examinations.
Mar. 29..TuesdayWinter Term ends.

SPRING TERM.

Mar 31..Thursday....Registration of Students.
Apr. 1..FridayInstruction begins.
Apr. 13..Wednesday..Quarterly Meeting Board Directors.

- May 26..Thursday....Graduating Theses due.
May 30..MondayDecoration Day.
June 16..Thursday....Term Examinations.
 Closing Chapel Exercises.
June 17..FridayTerm Examinations.
 Prep. Contest Declamation.
June 18..Saturday....Term Examinations.
June 19..SundayBaccalaureate Sermon.
June 20..MondayOratorical Primary.
June 21..TuesdayPresident's Reception.
June 22..Wednesday..Alumni Reunion.
June 23..Thursday....Forty-Third Annual Commencement.

BOARD OF DIRECTORS.

ADDISON F. ARMSTRONG.....	KOKOMO,	IND.
ALONZO M. ATKINSON.....	WABASH,	"
ADELBERT W. BRAYTON, M. D.....	INDIANAPOLIS,	"
URBAN C. BREWER.....	DANVILLE,	"
HILTON U. BROWN, A. M.....	INDIANAPOLIS,	"
CHAUNCEY BUTLER, A. B.....	INDIANAPOLIS,	"
HOWARD B. CALE, A. M.....	INDIANAPOLIS,	"
ALBERT M. CHAMBERLAIN, A. M.....	IRVINGTON,	"
JOHN S. DUNCAN, LL. B.....	INDIANAPOLIS,	"
ADDISON C. HARRIS, LL. B.....	INDIANAPOLIS,	"
CHARLES E. HOLLENBECK, A. M.....	INDIANAPOLIS,	"
JOSEPH I. IRWIN.....	COLUMBUS,	"
PATRICK H. JAMESON, M. D.....	INDIANAPOLIS,	"
ALBERT JOHNSON.....	IRVINGTON,	"
F. ROLLIN KAUTZ, A. M.....	IRVINGTON,	"
THOMAS H. KUHN, PH. D.....	TIPTON,	"
CAREY E. MORGAN, A. M.....	MINNEAPOLIS, MINN.	
WM. MULLENDORE, A. M.....	SOMERSET, PA.	
SYLVESTER D. NOEL.....	INDIANAPOLIS,	IND.
M. T. REEVES.....	COLUMBUS,	"
CHARLES E. THORNTON, A. B.....	INDIANAPOLIS,	"

OFFICERS OF THE BOARD.

ADDISON F. ARMSTRONG.....	<i>President.</i>
CHAUNCEY BUTLER.....	<i>Secretary.</i>

STANDING COMMITTEES.

<i>On Finance and Auditing.</i>		
P. H. JAMESON	H. B. CALE,	C. E. HOLLENBECK.
<i>On Grounds, Buildings and Real Estate.</i>		
C. E. THORNTON,	ALBERT JOHNSON,	S. D. NOEL, WM. MULLENDORE.
<i>On Library, Apparatus and Cabinets.</i>		
F. ROLLIN KAUTZ,	A. C. HARRIS,	C. E. MORGAN,
U. C. BREWER,	H. U. BROWN.	
<i>On Instructors, Salaries and Condition of Schools.</i>		
H. U. BROWN,	A. W. BRAYTON,	A. M. CHAMBERLAIN, T. H. KUHN.
<i>On Judiciary and Claims.</i>		
J. S. DUNCAN,	A. M. ATKINSON,	J. I. IRWIN, A. C. HARRIS.
<i>On Boarding Hall.</i>		
A. M. ATKINSON,	CHAUNCEY BUTLER,	M. T. REEVES,
	ALBERT JOHNSON,	

OFFICERS
OF
INSTRUCTION AND GOVERNMENT.

SCOT BUTLER, A. M., LL. D., President, Professor of Latin Language and Literature.

A. B., Northwestern Christian University, 1867; A. M., *ibid.*, 1870; Student Classical Philology, University of Halle, and University of Berlin, 1873-'75; LL. D., Butler College, 1896; Instructor in Latin and Mathematics, Indiana University, 1869-'72; Professor of Latin, Northwestern Christian University, 1871- —; President Butler College, 1892- —; President Academical Senate, University of Indianapolis, 1897- —.

ALLEN RICHARDSON BENTON, A. M., LL. D., Professor of Hebrew and Church History.

A. B., Bethany College, 1848; A. M., *ibid.*, 1849; Professor Latin and Greek, Northwestern Christian University, 1855-'61; President Northwestern Christian University, 1861-'68; President Alliance College, 1869-'71; LL. D., Butler College, 1871; Chancellor University of Nebraska, 1871-'76; Professor of Philosophy, Butler College, 1876-'97; President Butler College, 1886-'91.

WILLIAM MERRITT THRASHER, A. M., Professor of Mathematics.

A. B., Bethany College, 1854; A. M., *ibid.*, 1857; Private Instruction in Higher Mathematics, under Watson of University of Michigan, Königsberger and Cantor of Heidelberg, Salmon and Todhunter of Dublin and Cambridge.

DEMARCHUS CLARITON BROWN, A. M., Professor of Greek Language and Literature.

A. B., Butler College, 1879; A. M., *ibid.*, 1880; Student Classical Philology, University of Tübingen and British Museum, 1882-'83; Student Archæology, American School of Classical Studies, Athens, Greece, 1892-'93; Student Greek Art, Berlin Museum, 1896; Professor of Greek Language and Literature, Butler College, 1884- —.

HUGH THOMAS MILLER, A. M., Secretary, Professor of French and History.

A. B., Butler College, 1888; A. M., *ibid.*, 1895; Student History, La Sorbonne and Collège de France, Paris, 1892; *Idem*, University of Berlin, 1893; Instructor in German and French, Butler College, 1889-'91; Professor of German and French, *ibid.*, 1891-'92; Professor of French and History, *ibid.*, 1893- —.

16 OFFICERS OF INSTRUCTION AND GOVERNMENT.

THOMAS CARR HOWE, A. M., Armstrong Professor of Germanic Languages.

Ph. B., Butler College, 1889; A. M., *ibid.*, 1892; Student University of Berlin, 1890-'92; Student Harvard University, 1896-'97; Armstrong Professor Germanic Languages, Butler College, 1890—. (Professor Howe will be absent during session of '97-'98, as student at Freiburg, Germany.)

HUGH CARSON GARVIN, A. M., PH. D., Armstrong Professor (*pro tem.*) of Germanic Language.

A. B., Miami University, 1863; A. M., *ibid.*, 1865; Instructor, Franklin College, Ohio, 1868-'70; Student and Teacher in Germany, 1870-'77; Professor Modern Languages, Butler College, 1880-'89; Professor Biblical Philology, 1889-'96; Armstrong Professor (*pro tem.*) Germanic Languages, 1897.

THOMAS MEDARY IDEN, PH. M., Professor of Chemistry.

Ph. B., Butler College, 1883; Ph. M., *ibid.*, 1886; Student Chemistry, Harvard University in 1887, and in 1888; Student Chemistry, University of Berlin, 1891-'92; Instructor, Butler College, 1885-'87; Professor Chemistry and Physics, *ibid.*, 1887—.

HENRY L. BRUNER, A. M., PH. D., Professor of Biology and Geology.

(Professor Bruner has been absent two years studying at Freiburg, Germany. He resumes his work at Butler College at the beginning of the session of 1897-'98. In his absence his record can not be given with accuracy.)

BENJAMIN MARSHALL DAVIS, M. S., Professor (*pro tem.*) of Biology.

B. S., Butler College, 1890; M. S., *ibid.*, 1892; Professor of Chemistry, Butler College, 1891-'92; Professor of Chemistry, Garfield University, 1892-'93; Professor Natural Sciences Whittier College, 1893-'95; Professor Biology, Butler College, 1895-'97.

FLORA BRIDGES, M. A., Professor of English Literature.

B. A., Oberlin University, 1885; M. A., *ibid.*, 1887; Student University Zürich, 1889-'90; Student University of Chicago, 1895-'96; Professor of Greek, Mt. Holyoke College, 1887-'91; Principal Women's Department Olivet College, 1892-'93; Professor English Literature, Butler College, 1895—.

ELMER BURRITT BRYAN, A. B., Professor of Educational and Social Science.

A. B., Indiana University, 1893; Principal High School, Kokomo, Ind., 1893-'94; Teacher in Industrial Training School, Indianapolis, 1894-'96; Professor Educational and Social Science, Butler College, 1896-'97.

JACOB DORSEY FORREST, A. M., Professor of Sociology and Economics.

A. B., Hiram College, 1892; A. M., *ibid.*, 1892; Graduate Student in Political Science, Ohio State University, 1893-'94; Graduate Student in Sociology, Political Economy and Ethics, The University of Chicago, 1894-'95; Fellow in Sociology, *ibid.*, 1895-'97; University Extension Lecturer in Sociology, *ibid.*, 1896—; Professor of Sociology and Economics, Butler College, 1897—.

EDWARD S. AMES, A. M., Ph. D., Professor of Philosophy and Pedagogy.

A. B., Drake University, 1889; A. M., *ibid.*, 1891; Graduate Student Yale University, 1891-'92; B. D., *ibid.*, 1892; Graduate Student, *ibid.*, 1892-'94; Fellow in Philosophy, University of Chicago, 1894-'95; Ph. D., *ibid.*, 1895; Docent in Philosophy, *ibid.*, 1896-'97; Professor Philosophy and Pedagogy, Butler College, 1897—.

MARIETTA KIES, Ph. D., Instructor in English.

Graduate Mt. Holyoke College, 1881; Ph. D. University of Michigan, 1891; Student University Zürich, and Leipsic, 1892-'93; Instructor in Latin and Mathematics, Colorado College, 1883-'85; Instructor in Psychology and Ethics, Mt. Holyoke College, 1885-'91; Instructor in Psychology and Ethics, Mills College (Cal.), 1891-'92; Principal of High School, Plymouth (Mass.), Rhetoric and English Literature, 1893-'96. Compiler and annotator of "Introduction to the Study of Philosophy," writings of Dr. W. T. Harris (D. Appleton & Co., 1888). Author of "Institutional Ethics" (Allyn & Bacon, 1894).

LIDA ENDRESS GILBERT, Teacher of Elocution and Director of Physical Culture for Women.

Graduate National School Elocution and Oratory, Philadelphia, 1887; Instructor in Elocution and Director of Physical Culture, Jacksonville (Ill.), Female Academy, 1888, and Greenville, (Ky.), College, 1889; Student Summer Schools, Chautauqua and Chicago; Instructor in Elocution and Director Physical Culture, Butler College, 1891—.

OMAR WILSON, A. M., Principal Preparatory Department and Instructor in Latin and Greek.

A. B., Butler College, 1887; A. M., *ibid.*, 1890; Professor of Latin and Greek, Osaloosa College, 1888-'90; Principal of Preparatory Department Butler College, 1890—.

JAMES LILLY ZINK, Director of Physical Culture for Men.

Graduate Vanderbilt University School of Gymnastics, 1891; Physical Director, Indiana University, 1890-'93; Physical Director, Alton (Ill.) Y. M. C. A., 1893-'94; Director Athletics, De Pauw University, 1895; Director Physical Culture for Men, Butler College, 1895—.

EVELYN MITCHELL BUTLER, A. B., Instructor in English and Latin.

A. B., Butler College, 1893; Student University of Chicago, summer 1895, and summer 1896; Instructor Butler College, 1895—.

MARY HALL WILSON, Instructor Mathematics and History.

Graduate Indianapolis Training School, 1880; Teacher in Public Schools, Indianapolis, 1880-'90; Instructor Butler College, 1890—.

ALBERT JAMES BROWN, A. M., Assistant Instructor in Physics.

A. B., Leland Stanford Jr. University, 1892; A. M., *ibid.*, 1893; Principal West Newton High School, 1895-'96; Principal Irvington High School, 1896—; Instructor Butler College, 1896-'97.

18 OFFICERS OF INSTRUCTION AND GOVERNMENT.

CHARLES AUGUSTUS STEVENS, A. B., Instructor in German and Latin.

A. B., Butler College, 1894; Instructor in German and Latin, Butler College, 1893-'97.

Officers of the College Library.

DEMARCHUS C. BROWN, *Librarian*.

GEORGIA N. GALVIN, *Assistant Librarian*.

Superintendent of the College Residence.

MRS. MARY A. SETTLE.

ORGANIZATION.

DEPARTMENT OF THE UNIVERSITY OF INDIANAPOLIS.

Butler College, by act of its Directors and of the Trustees of the University of Indianapolis, has been united with the latter institution, in which henceforth it holds the place of Department of the Liberal Arts. This relation does not affect the autonomy of the college, whose ownership of property and control in all matters affecting internal management remain as heretofore with its own Board of Directors.

HISTORICAL SKETCH.

In the general conventions of the Christian churches of Indiana the founding of an institution of higher education first began to be discussed in the year 1841. A few years later a definite resolution committing them to this work was adopted. After a full canvass of the State in 1849, in order to ascertain the views of those interested in the undertaking, it was decided to build such an institution at Indianapolis, under the name of the Northwestern Christian University. A charter both liberal and comprehensive, and fitted to promote the purposes of its projectors, was obtained from the Legisla-

ture. This charter went into effect January 15, 1850, and the University was formally opened November 1, 1855. The charter provides for a joint-stock corporation, the shares of whose stock are fixed at \$100 each; on which, when paid up, or when interest on the same is regularly paid, the stockholder receives 6 per cent. per annum, payable in tuition. An amount of subscriptions sufficient for a beginning was received within about eighteen months, and then the commissioners, under the charter, proceeded to erect a substantial building and to organize the various departments and courses of study. In 1873 it was determined to remove to Irvington, and in 1875 instruction of the college classes was begun in the new location. This removal was prompted in part by financial considerations, for the real estate belonging to the University, having been included within the city limits, had greatly appreciated, and the corporation, by putting it on the market as city lots, was able to increase largely its financial resources. It was felt, too, that a quiet suburb, withdrawn somewhat from the distractions of the city, would afford a more desirable place of residence for students. Experience has demonstrated the correctness of this view and the wisdom of the removal.

The change in the name of the institution was made February 28, 1877, after full deliberation by the Board of Directors. This change does not affect any chartered obligations of the corporation in respect to property or graduates, or its purposes, all of which have been de-

terminated by a legislative act and the recorded resolutions of the Board of Directors.

DIRECTORSHIP.

The general control of the affairs of the corporation is vested in a board of directors, consisting of twenty-one members. These directors are chosen by vote of the stockholders from their number, a meeting for the purpose being held every third year at the office of the secretary of the board, at 2 o'clock P. M., of Commencement Day. A stockholder is entitled to one vote for each share of stock owned by him, and can vote in person or by proxy. Any stockholder is eligible to membership on the board. The members of the board serve without pay. A newly elected board organizes by choosing a president, a secretary and a treasurer. The next election of directors will be held in the year 1897.

PRESENT FINANCIAL CONDITION.

The financial resources of the institution have been made to suffice for all work so far undertaken. The property of the corporation is in a highly satisfactory shape, and its endowment is kept well invested, yielding an assured income. The affairs of the corporation are in the hands of a board of directors devoted to its interests, wise and conservative in all their views, and thorough and prudent in the administration of the trust committed to them. But the demands made upon

an institution of learning at the present day are greater than ever before. The college is insufficiently endowed to meet these demands, and it is hoped that the same generous spirit which created and has hitherto sustained it will remain with it and provide for its continued development. The books of the corporation still remain open for subscriptions to stock.

EDUCATIONAL PURPOSE.

The paramount purpose of the founders was to build up an institution of the amplest range of culture and one which should embody also certain liberal, catholic, Christian ideas which had found no emphatic recognition in then existing educational institutions. It was an attempt to put into durable and forceful activity ideas vital to social and civil progress. The wisdom of these purposes has been fully vindicated by the march of events and by the progress of public sentiment with respect to most of the ideas to which the founders sought to give prominence.

RELIGIOUS INFLUENCE.

The purpose of the founders, expressed in their act of incorporation, was "to establish an institution of learning for the education of the youth" and "to teach and inculcate the Christian faith and Christian morality as taught in the sacred Scriptures." Bible instruction is made a part of all under-graduate courses of study.

Attendance at daily morning prayers in the college chapel and at services on Lord's day is expected. The institution has always been religious in spirit; by the terms of its charter it must always be so. The plan of education proposed in its founding was not limited to scientific and literary and æsthetic culture, but recognizing the spiritual needs of man's nature, it included the religious element.

HIGHER EDUCATION OF WOMEN.

From the first opening of the College women have been admitted on the same terms as men. No special courses of study are provided for them; they pursue the same lines of work and are instructed in the same classes, except in physical training, with the young men. But co-education is not intended to be conducted on the idea that men and women are essentially alike. While it is assumed that the same mental training is good for both, and that both may receive important benefit from association in class-room work, it is held that in matters of general welfare and deportment and in the way of special direction and advice, young women should be placed in charge of one of their own sex. It is regarded as in every way desirable that while in college they should be brought directly under the influence, and be subject to the direction, of a woman of high character, attainments and social position, who should associate with them, give suggestions and counsel, and act towards them at all times as friend and adviser. Pro-

vision has therefore been made, in the organization of the faculty, that the young women in attendance shall have the benefit of such supervision.

FACILITIES FOR SELF-SUPPORT BY STUDENTS.

The College desires in every way to encourage students of limited means, but it does not invite the attendance of those who are entirely without means of support. It can not undertake to furnish employment to students. Nevertheless many young men studying for the ministry here support themselves either wholly or in part by preaching in neighboring towns. All parts of the State are within easy reach of Irvington, so that Sunday services at a distance need not interfere with the regular duties of the student. This employment, however, must be secured mainly through the student's own exertions. The College can not stand pledged to secure it for any; every such student must depend on his own ability, industry and perseverance.

PECUNIARY ASSISTANCE TO STUDENTS.

Frequent letters come from young persons desirous of obtaining an education, inquiring as to what assistance can be afforded students who are without the necessary means of support. To such, unfortunately, our answers can not be encouraging. The College has the merest beginning of a students' aid fund, and yet the good that might be accomplished by the judicious ex-

penditure of even a comparatively limited amount of money, in affording assistance to deserving young men and women, is not to be estimated. In behalf of those young men and women whom a little assistance will enable to take positions of commanding influence in the church and in society, the attention of philanthropic people is called to the good that in this way their means can be made to accomplish. The directors will gladly receive and faithfully administer any endowment that may be placed in their hands for this purpose.

CHRISTIAN ASSOCIATIONS.

The Young Men's Christian Association and the Young Women's Christian Association are voluntary organizations of students and instructors for the promotion of religious culture and for Christian work in college. Their members are sincere and energetic, and always extend to new students a very cordial welcome. The two associations hold a joint prayer-meeting every Sunday evening, thus greatly assisting in maintaining Christian zeal among the students. A committee from each of these associations is in attendance during the first week of the fall term for the purpose of assisting those entering college, with information in regard to rooms, etc., and in general to afford any assistance in their power, which students who are strangers in Irvington may feel inclined to seek from them. The Y. M. C. A. and the Y. W. C. A. unite in a social given at the beginning of each term, to which all students are

invited. This affords opportunity for old students to welcome new, and for all to cultivate more intimate acquaintance. All students who are church members are eligible to active membership in these associations. Students not identified with any church may become associate members.

BUTLER COLLEGIAN.

At the close of each college session the editorial staff of *The Collegian* for the following year is chosen by the faculty from among the classes as follows: From the Freshman class, two members; from the Sophomore, three; and from the Junior, four. From the body thus chosen the faculty selects an editor-in-chief and a business manager and may recommend other appointments. For the past year, the editorial staff of *The Collegian* has been as follows:

THOMAS R. SHIPP, '97, Editor-in-Chief.

JESSIE L. CHRISTIAN, '97, Assistant Editor.

PERCY B. WILLIAMS, '97, Business Manager.

Associate Editors.

FRANK T. BROWN, '97.

CARRIE R. HOWE, '97.

NETTIE SWEENEY, '97.

DAVID RIOCH, '98.

EZRA C. ROBERTS, '98.

BESS CAMPBELL, '99.

ANSON H. WASHBURN, '99.

The following named persons have been chosen by

the faculty to compose the editorial staff of *The Collegian* for the session of '97-'98:

ANSON H. WASHBURN, Editor-in-Chief.

EZRA C. ROBERTS, Assistant Editor.

CARL R. LOOP, Business Manager.

Associate Editors.

ELIZABETH CAMPBELL.

ETHEL CLELAND.

ROBERT W. HOBBS.

EDITH KEAY.

EMILY HELMING.

SARA KINGSBURY.

MAY GRIGGS.

DAVID RIOCH.

The Collegian is furnished to all students of the College on application without charge. Students and graduates are cordially invited to contribute illustrations, articles, verses, letters and information.

ORATORICAL ASSOCIATION.

Seven colleges, of which this institution is one, compose the Indiana State Oratorical Association. The local association is composed of members of the college classes. The object of this association is to advance oratory by encouraging students to write and deliver orations. Preliminary contests are held annually, to decide upon a representative for the State contests. Contestants are judged on thought, composition and delivery. Three judges are selected by the faculty on thought and composition, while the association elects

three other outside judges on delivery. The contestant receiving the highest average awarded by the judges represents the College at the State contest. If the contestant be successful there he represents the State of Indiana in the Inter-State contest, composed of ten western States. The work done in this department has proved very beneficial to those who take part, and has greatly advanced interest in oratory in the College.

The representative of the College in the State contest this year (1897) was Frank Thurman Brown. The present officers of the association are as follows: President, David Rioch; vice-president, Anna Holton Williams; recording secretary, Fred Towles; corresponding secretary, Errett B. Graham; treasurer, John R. Carr.

THE ATHLETIC ASSOCIATION.

The former college organization for the purpose of athletic exercises has been merged into a University Athletic Association, the constitution of which provides for a board of control consisting of a representative from each department, together with an alumnus, of the University. This board has absolute authority in all matters relating to athletics. Its members are elected annually by the members of the association in the several departments. For the '97-8 they are the following: E. E. Parker, of the Medical College; John O. Fryer, of the Dental College; James L. Gavin, of the Law School; Carl R. Loop, of Butler College; Hilton U. Brown, alumnus of Butler College.

Any professor, alumnus, or student of the University may become a member of the association by subscribing to the constitution and paying the membership fee of twenty-five cents per year.

Each department of athletics is governed by a manager elected by the board. The managers for the year '97-98 are: Dr. E. E. Parker, of the Medical department, manager of base-ball; Samuel McGaughy, of Butler College, manager of field and track athletics; Harry Smith, manager foot-ball. An annual field day is held each spring, the events including all kinds of field and track athletics. James L. Gavin is State delegate for the present year.

The rules of the Inter-Collegiate Foot-Ball Association, National Base-Ball Association, Amateur Athletic Association, and American Lawn-Tennis Association govern the contests.

Members of teams and contestants in athletic games must be members of the association.

GYMNASIUM PRACTICE.

Regular exercise in gymnastics is provided as a means of health, and is supervised by a competent instructor. This exercise is required of students of the lower classes, but is optional with Juniors and Seniors.

LITERARY AND MUSICAL ADVANTAGES.

The location of the College in the immediate vicinity of Indianapolis makes it possible for students to hear

the best lecturers and singers, various organizations in the city offering every winter valuable courses of entertainments. Because these advantages are thus offered and are so far superior to anything that a college could secure, the faculty does not find it necessary to make unusual provision for such entertainments.

OPTIONAL AND SPECIAL STUDIES.

Students not candidates for a degree may pursue an optional course, provided their proficiency is equivalent to that required of students admitted to one of the general courses. Special students of approved character, maturity and attainments are admitted for a limited period without examination on recommendation of some member of the faculty under whom a large part of their work is to be taken. It is desired, however, that it be distinctly understood that for the two classes of students herein named special arrangements as to terms and subjects can not be made. Such students must in all cases adapt themselves to the arrangements provided for students pursuing regular courses of study.

GRADUATE STUDENTS.

For purposes of advanced study the College extends its privileges to its own graduates and to graduates from other colleges of like standing, and it confers advanced degrees under conditions described elsewhere.

Graduate students who are not candidates for a degree are also received.

MEMORIAL GIFTS.

The Board of Directors would encourage gifts in the form of endowments of various chairs of instruction. The sum of \$20,000 to \$30,000 subscribed in stock will secure to the subscriber the privilege of conferring a name on the chair so endowed and of nominating an incumbent, subject to the approval of the board. Smaller amounts can be devoted to equally useful purposes. Subscriptions of \$1,000 to \$5,000 can be devoted to the founding of scholarships for the benefit of deserving young people who stand in need of assistance, and of prizes for the reward and encouragement of the ambitious. These scholarships would be awarded worthy students on competitive examinations and the recipients expected to assume some work as assistant instructors, thus rendering the faculty valuable and much needed help.

LOCATION AND BUILDINGS.

LOCATION.

The College is located at Irvington, a pleasant and healthful residence suburb of Indianapolis, from which city it is distant four miles, and with which it is connected by two railroads—the Pittsburgh, Cincinnati and St. Louis, and the Cincinnati, Hamilton and Indianapolis, and also by electric street cars, making quick trips every thirteen minutes. It is thus easily accessible from all parts of the country. It can be reached from any part of the State within a few hours. Irvington is regarded as the most attractive place for suburban residence in the vicinity of Indianapolis. Its population consists chiefly of those who have been drawn thither by educational inducements. This gives it a special character of cultivation and good order, while as a home for students it is singularly free from the temptations and dangers often surrounding college life. There are no drinking saloons in the town or in its vicinity. However, the College does not offer itself as a reformatory institution, and it will not suffer the attendance of the wayward or idle. Its facilities are offered to those only who earnestly desire mental improvement.

MAIN COLLEGE BUILDING.

The main College building is of brick, trimmed with stone, having a frontage of 135 feet and a depth of 75 feet, containing in all twenty-four recitation rooms, besides halls, corridors, cloak and retiring rooms. It is heated throughout by steam, supplied with water and lighted by electricity, and in its internal finish and arrangements thoroughly suited to the purposes for which it was designed. For convenience, commodiousness and comfort it is all that could be desired.

LIBRARY HALL.

This building is three stories high, constructed of brick and trimmed with stone. It has a frontage of 100 feet and a depth of 55 feet. It contains six commodious recitation rooms, the museum hall, two music rooms and the library and reading rooms. The architecture is modern and exceedingly attractive, and all its appointments are well adapted to the uses for which the building was designed. The classes of the Preparatory department are now taught in this building, by experienced educators, and, under the present efficient organization, superior advantages are offered to students preparing for college.

ASTRONOMICAL OBSERVATORY.

An observatory building has been erected on the high ground in the northeast corner of the Campus. In its

construction are embodied whatever conveniences are necessary for the efficient use of the equatorial telescope. The building is octagonal, resting on a deep foundation, sided externally with sheet iron, and having a revolving dome, with sliding panel, giving unobstructed sky-view from horizon to zenith. The instrument rests on a pedestal, which stands on a column of brick and stone, which is protected from the effects of external temperature changes by a detached inclosing cylinder of the same material. The telescope is equatorially mounted by Fauth & Co., of Washington, with the usual adjuncts of declination and hour circles, and clock-work for diurnal rotation. The object glass of six inches diameter was made by the firm of Alvin Clark & Sons, of Boston, and, with the half dozen eye pieces, gives a perfection of work which does no discredit to the manufacturers. The focal distance of object glass is eight feet, and the magnifying power of the instrument ranges from seventy to five hundred diameters. The performance of the telescope, so far as tried here, has been very satisfactory. A large number of tolerably difficult double stars and nebulae have been tried with the highest power and with good success. With the planets and satellites the lower powers, as usual, give the best results, including excellent definition.

COLLEGE RESIDENCE FOR WOMEN STUDENTS.

This is a tastefully and substantially constructed brick building, three stories high, containing large

parlors, spacious dining room, wide halls, and thirty well-ventilated rooms for young women. It is provided throughout with steam heat and electric lights. The entire building has been refitted and handsomely re-furnished throughout. Young women here find a comfortable home, with pleasant surroundings and Christian influences, at a moderate price. They are expected to avail themselves of this opportunity. Especial attention is given in case of sickness. Everything necessary is furnished except napkins and towels. Price of board and room ranges from \$3 to \$3.50 per week, according to location of room.

BOARD FOR YOUNG MEN.

Young men lodging elsewhere may take their meals at the hall. Table board will be furnished at \$2.50 per week. For further information, address the superintendent.

LIBRARY.

The College library contains about six thousand volumes, chosen for the most part with special reference to the needs of students. Each department is furnished with important books pertaining to its work, and each year additions are made of the latest and best works in Science, Literature and Art. The cyclopedias, maps, lexicons, and the manuals of special sciences, are numerous and of the latest results in research. These afford students ample means of reference in their class studies and are sufficient for special or

graduate courses of study. The reading room connected with the library is spacious and well lighted. It receives regularly the best publications, weeklies, monthlies and quarterlies, of this country and Europe. The advantages of the library and reading room are open alike to all classes of students in the college.

The following periodicals are taken, and will be found on the tables in the reading room :

American Chemical Journal.	Hebraica.
American Geologist.	Homiletic Review.
American Historical Review.	Independent
American Journal of Science.	Indianapolis Daily Journal.
American Naturalist.	Indianapolis Daily Sentinel.
American Journal of Philology.	Illustrirte Zeitung.
Astro-Physical Journal.	Journal of Morphology.
Atlantic Monthly.	L'Illustration.
Bibliotheca Sacra.	Modern Language Notes.
Century Magazine.	Nation.
Christian Standard.	Nature.
Christian Evangelist.	New Christian Quarterly.
Christian Guide.	Nineteenth Century.
Christian Leader	North American Review.
Classical Review.	Philosophical Review.
Contemporary Review.	Popular Science Monthly.
Critic.	Political Science Quarterly.
Edinburg Review.	School Review.
Fliegende Blaetter.	Scientific American.
Forum.	Scientific American Supplement.
Harper's Monthly Magazine.	Scribner's Magazine.
Harper's Weekly Magazine.	Yale Review.

MUSEUM.

In the collections of the University there is abundant material for illustrating the sciences of Zoology, Min-

eralogy and Geology. Some of the materials have been obtained by purchase, some have been contributed by the friends of the institution and some by the National museum, while a considerable portion has been collected by the professors who have occupied the chair of Natural History. The museum contains the following collections:

1. A series of fossils and rocks illustrating the geology of the Mississippi Valley, especially that of Indiana and Ohio.

2. A collection of the fresh water fishes of the United States, made principally by Drs. D. S. Jordan and O. P. Hay.

3. A contribution of marine fishes received from the United States National Museum.

4. Reptiles and amphibians of Indiana, collected by Dr. Hay and others.

5. A large collection of representative minerals.

6. Land, fresh-water and marine shells, including about four thousand specimens.

7. A considerable number of aboriginal stone implements from the United States.

8. A collection of marine invertebrates, mainly from the New England coast, deposited by Prof. Bruner.

9. Marine invertebrates from the Atlantic, Gulf and Pacific coasts, presented by the National Museum and the Fish Commission.

CHEMICAL LABORATORY.

The laboratory is well furnished for work, being con-

veniently arranged and supplied with gas, water, hoods, means of ventilation, and all necessary chemicals and apparatus for work in all branches of the science provided for in the course of study. To each student is assigned his own desk with separate outfit of apparatus and chemicals. Students will be required to pay for all apparatus actually broken or injured.

BIOLOGICAL LABORATORY.

The laboratory is well equipped to meet the demands of the work undertaken. Dissecting instruments, slides and covers are supplied at cost. In case of breakage or injury to apparatus the loss must be borne by the student.

The laboratory is provided with its own working library.

THE GYMNASIUM BUILDING.

This structure has been designed and built for two especial purposes—one, to provide suitable quarters for physical culture; the other, to accommodate the boilers, engine and dynamos for warming and lighting the buildings and lighting the College grounds. This building is of deep-red brick trimmed with buff limestone, and is supported upon a massive stone foundation. The roof is trussed and covered with black slate. Within, on the east side, are the great boilers, from which all the buildings obtain their heat and the engine room its power for generating the electric light. Everything connected with this heating and lighting

plant has received the most careful study and attention, and the apparatus and machinery selected are of the latest and most approved patterns.

The gymnasium is immediately in the rear of the above, and though externally a part of it, is entirely a structure of itself. The entrance is from the north through a large archway into an outer vestibule, through this to an inner vestibule, thence into the large hall thirty-five feet wide by fifty-eight feet long, well lighted and ventilated.

At the north end of the building are the bath-rooms. Shower-baths and washstands are provided with fittings for hot and cold water and valves for regulating the temperature. The floors are encaustic tile, with marble base border; the walls are wainscoted with yellow pine, finished to show the natural wood. The large hall is finished in yellow pine; the floor is double, finished with hard oak. New sanitary fittings have also been added, so that the whole is one of the most complete buildings of its kind.

The gymnasium is furnished with the most important modern apparatus and equipped with all kinds of special machinery used in individual work to overcome deformities and physical weaknesses.

DEPARTMENTS OF INSTRUCTION.

THE BIBLE.

The educational purposes of the institution, by the terms of its organic law, are made to include religious instruction. Its charter expressly declares that one of the objects for which it is founded is "to teach and inculcate the Christian faith and Christian morality as taught in the sacred Scriptures;" and it was intended that this instruction should be, not sectarian, nor even denominational, but broad, catholic and philanthropic as Christianity itself. In pursuance of this purpose the revised version of the Bible is adopted as a text-book, and a regular course of study in it is prescribed as one of the conditions of graduation. Instruction is by lectures, discussions and reports, students being required to study with care those portions of the Bible embraced in the lectures.

In the Freshman and Sophomore years, the history of the Bible peoples is studied with a view to tracing the course of their social life from the exodus to the destruction of the Jewish nation. Attention is directed to the historical portions of the Bible, with only such reference to the prophetic and wisdom literature and the epistles as will throw light upon the social development. With reference to that portion of the history

covered by the New Testament literature, particular emphasis is laid upon the social teaching of Jesus and the causes and results of the extension of Christianity beyond the Jewish nation.

In the Junior and Senior years, the emphasis is laid upon the religious and theological development. A study is made of the ritualistic service, the priesthood and the prophetic movement. Here the attention is directed chiefly to the didactic and prophetic portions of the Bible, with only such reference to the historical portions as will give the former their proper historical setting. In this part of the course the student is introduced to the subject of biblical theology.

PHILOSOPHY.

The development in recent years of the various subjects included under the general title of philosophy has given new importance to this study as a factor in liberal education. Especially is this true of psychology in its various phases. The courses announced in this catalogue (see pp. 74-90) seek to embody the results of this development so far as their scope permits. They have been outlined with special reference to the ability and needs of the student in the different stages of his mental discipline. Psychology is first introduced at the end of the Sophomore year in its elements. This is followed in the Junior year with more advanced courses in psychology and the application of the psychological point of view to logic and ethics. In the

Senior year the study of these and kindred problems is presented in the History of Philosophy, and at the same time in the Introduction to Philosophy. In this way it is believed the student may receive a fair acquaintance with the problems of philosophy and such an interest in their further pursuit as shall not only serve the specialist but also the practical demands of various careers.

SOCIOLOGY AND ECONOMICS.

The primary aim of this department is to train students in observation of social phenomena and reflection on social relations, to the end that they may be prepared to discharge their duties as members of society. But in addition to such introductory courses as are essential to a liberal education, the department offers further courses which, on the one hand, will prepare the student for advanced specialization in the various social sciences, and, on the other, will furnish a broad foundation for professional studies.

Since all students, whatever their special aims, are preparing for the duties of citizenship, a course in introductory sociology is required for graduation. This is intended to give a general introduction to the study of society, and to set forth the scope of the special social sciences and their relations to one another. Students are also strongly urged to elect courses in political economy and political science. Beyond these courses of fundamental importance, opportunities are offered

in alternate years for the study of the course of social evolution from primitive conditions to modern civilization, and the investigation of certain concrete problems of the present day. This more advanced work is offered primarily for Seniors, but is open also to Juniors who have completed the prerequisite studies. The student who elects the Senior courses during his Junior year will be able to take up a different line of social study during his Senior year, and will thus have opportunity for as large a degree of specialization as is consistent with the requirements of a well-rounded college course.

It is desired that students should learn the *methods* rather than the *results* of social study. The greatest independence of thought upon the controverted points of economics and politics is encouraged; for it is more desirable that the student should be an independent and self-poised thinker than that he should go out into the world with the views of his instructor dogmatically impressed upon him, however sound the latter might be.

The city of Indianapolis is the social laboratory of the department. While it does not present the complexity of phenomena to be found in some larger cities, it is large enough to furnish in germ form, at least, almost every factor of the most complicated social life; and, indeed, the simpler nature of the society, which yet contains all the elements of cosmopolitan municipal life, makes the city a more desirable field for certain kinds of social investigation than it would be if it were larger. Students are encouraged to make first-hand observations of the phenomena with which they deal.

Another advantage of location enjoyed by the department is proximity to the large collection of public documents in the State library. These will be used by the students in tracing the political, social, and economic development of the nation and the commonwealth.

In so far as is practicable, the more advanced work of this department will be arranged to meet the desires of the students who want to specialize in the social sciences.

PEDAGOGY.

It is the aim of this department to train intending teachers in the broad, scientific treatment of educational problems. To this end the instruction will be carried on in connection with allied departments, particularly those of philosophy and sociology. Any profitable study of educational science presupposes a thorough acquaintance with the principles of psychology, and in scarcely a less degree, with the principles of logic and ethics. These courses are therefore recommended as prerequisites to the courses in pedagogy, and a training in psychology is required. The study of the History of Philosophy will also be found of great value in connection with the work of this department.

MATHEMATICS.

This department aims to secure (1) general intellectual discipline, and (2) the particular training and knowledge necessary for the needs of life and possible future mathematical work.

To secure the first result the student, while pursuing any branch, will be required to show evidence of clear comprehension of terms and processes of reasoning; to give, with fullness, the steps leading to conclusions, with the authority for statements made. Terms and processes will be classified, when possible, both for disciplinary and mnemonic reasons, both principles and formulæ being thus appropriately disposed, ready for instant use.

The utility of principles, both for general explanation and solution of specific problems, will be illustrated by numerous original examples.

The future needs of the student in higher and special mathematical work will be, so far as possible, provided for by a continued recurrence to those principles in the lower mathematics which have the widest application in after work.

The possible elections of the last three years of the course will, it is hoped, lay an excellent foundation for any higher study in mathematical lines to which the student may be inclined.

For advanced work in Algebra, Analytics, Functions, Modern Algebra and Geometry, Mechanics, Determinants, Astronomy, etc., the College library is well equipped with the best books of reference in the English, French and German languages.

LATIN.

The aim of the work in Latin is :

(1) To teach the student of fair ability and industry to read Latin understandingly and rapidly. In order to the attainment of this end, during the earlier part of the course, special attention is given to forms, constructions and idioms. The reading of authors is accompanied with careful solution of whatever grammatical questions the text may present. The principal part of the syntactical instruction, however, is given through exercises in Latin writing, such exercises being associated daily with the regular work in reading and translating Latin authors. Latin composition is practiced as a means, experience having shown it to be the most effectual, for gaining an insight into the structure, idiom and spirit of the language.

(2) To make the student acquainted with the literature of the language. This is accomplished by reading considerable portions of the more important authors and by the formal study of the history of Roman literature.

(3) To afford opportunity for acquaintance with Roman public and private life. To this end collateral reading in Roman history is assigned together with the study of the archæology of Roman life, social and political.

(4) To prepare students to become instructors in Latin. In order to meet the requirements of such there will be given when desired a year's course in review of

the authors usually read in secondary schools, attention being directed to the chief points deserving emphasis in the teaching of these authors. Such questions as pronunciation, methods of teaching the elements of the language, etc., will be discussed, the object being to enable such as intend to teach to enter upon their work intelligently.

Graduate courses in Latin are offered students having taken Latin through all the years of the undergraduate course, to whom only are such courses open.

GREEK DEPARTMENT.

The aims of this department are :

(1) Discipline. An accurate knowledge of the forms will be insisted upon, particularly in the first years of work. Grammatical points and idiomatic expressions will be discussed in the class. This will be done by the writing of Greek prose as well as from the author read.

(2) A knowledge of the literature, history and mythology of the Greeks. It is the purpose to reach this by the reading of authors from Homer to Lucian. The main point will be the study of the literary merits of the author read, together with a careful investigation into the conditions under which he wrote and the times in which he lived. It hoped thus to have courses in reading covering the epic poets, the tragedians, the comedians, the orators and the historians. History will be studied by the assignment of periods

to individual students to be reported upon before the class. The lives of generals and statesmen will be assigned in the same way. The instructor will, by means of photographs and lectures, present the latest discoveries in archæology.

(3) The preparation of teachers of Greek. Special attention will be given such students, particularly in the Junior and Senior years. The more difficult points in Greek Grammar will be examined. Graduate courses will be arranged for students who elect Greek in the Junior and Senior years, to whom only are such courses open.

Instruction in Modern Greek will be a feature in the elective classes hereafter. Modern Greek fiction, poetry and history will be read.

ENGLISH LITERATURE.

The English course extends through the four College years. Since, whatever a man's vocation may be, he should possess active literary interests for his instruction and enjoyment, the intention of this department is to develop in the student a critical appreciation of the best in English thought.

The Rhetoric and Composition of the first two years are designed to train the student in correct expression, and especially in clear thinking, and the best selection and collocation of ideas. The exercises are in different kinds of composition, as narration, description, exposition, and especially on various kinds of subjects—historical, biographical and literary.

In the Freshman and Sophomore years the eighteenth and nineteenth centuries have been chosen for special study as the periods best adapted to awaken an independent interest in literary study, out of which good judgment and correct taste will naturally develop. Constant reference is made to the library, with purpose to create a love for books and guide to a right use of them.

The work of the Junior and Senior years is intended to supplement the study of literature begun in the previous years and can not be taken before the Freshman and Sophomore years have been completed. Anglo-Saxon is offered as an alternative only in the Senior year.

Graduate courses in this department are open only to students who have completed the four years' undergraduate course.

GERMAN.

The primary aim of the course in German is to secure to the student such knowledge of the principles and vocabulary of the language as will enable him to read an ordinary work without the aid of grammar or dictionary. It is not thought best to devote any considerable amount of the regular class time to conversation, since the speaking use of the language is only a secondary aim. With an extensive vocabulary and a thorough knowledge of the principles of the grammar at his command, the student possesses the surest means of acquiring fluency in speaking when brought in contact with native Germans.

Much attention will be devoted to word-analysis and to the study of the affixes and their functions, the aim being to quicken the student's observation and perception of forms. Fully one-half of the time of the first four years will be devoted to composition, and frequent reviews will serve to fix in the student's mind the forms and expressions thus used. The material for composition will consist not only of that given in the composition books, but also of that furnished by the instructor, and formed from the texts used in reading.

The translation of the German into English is regarded as a most valuable means of training the student in his own language, particularly in the precise use of words. To this end, careless translations will not be tolerated, and after care has been taken to ascertain if the meaning in German is thoroughly understood, a smooth, idiomatic English rendering of the passage in question will be required. Experience has shown that there is perhaps no more certain means of training the student in English expression than by requiring of him careful and exact translations from other languages.

The last two years of the course will be devoted to the study of the history of the literature, together with reading of the representative authors, both in and out of class. This work will not be confined to any one text-book, but will be somewhat topical in nature, for which the libraries of the college and of the professor of the department will be at the command of the student.

FRENCH.

Instruction in the department of French is for the purpose of giving the student a reading knowledge of the language, familiarity with its idioms and syntax, an acquaintance with its origin, history and literature, and an understanding of contemporary life and events in France.

The reading and translation of connected prose and verse are commenced so soon as possible. Grammatical forms are studied in the text and separately, and exercise in translation from English into French is used to fix idioms and constructions in the memory. Texts read in class are ordinarily used as the basis for such exercise.

Etymologies of French words derived from the Latin and of English words derived from the French are studied in order to attain a clearer comprehension of the sources, structure and significance of the French and the English word, as well as for the purpose of giving training in the principles of philology.

After the introductory reading of the first year, the work is so arranged as to afford a systematic review of the literary history of France. Masterpieces of the authors of each period are read and discussed in connection with studies of the literary tendencies and social and political conditions of that period.

Modern French life and institutions, as set forth in the criticism, the periodicals and the theater of the present, are considered, and a general knowledge of current events and contemporary politics is insisted upon.

GEOLOGY.

The work offered in Geology consists of a continuous course through the year. It is the aim to present that which is most interesting to the student and at the same time most valuable to the average citizen. Crystallography is made the starting point of the course and lays a foundation for Mineralogy. In both of these it is expected that the student will become familiar with the more common forms. Lithology is then taken up and the more abundant rocks are studied with care. The museum collections furnish sufficient material for illustration and study.

In Geology proper a beginning is made by a consideration of the dynamical agencies now at work on the earth's surface. The early history of the globe is then sketched, and afterwards the geological development of the North American Continent is reviewed with special attention to details in the United States. The history of the earth and its inhabitants is viewed as one development—the expression of one plan which reached its culmination in man.

Among special topics which are treated somewhat fully may be mentioned earthquakes, geysers, coral reefs and islands, glaciers, metamorphism, and the origin and distribution of ores, coal, oil and gas.

Occasional excursions are made to points of interest, Geological sections and maps are made and the textbook is still further supplemented by reference to current literature.

BIOLOGY.

This department aims (1) to meet the requirements of liberal education, (2) to prepare students for teaching, investigation and medicine.

The work of the earlier years of the course is designed partly to meet the first demand, and partly to furnish a foundation for advanced studies. During the first year general principles are emphasized. Plants and animals are studied side by side, beginning with simple forms and including representatives of all the principal types. Then the higher plants and the higher animals are treated separately. One year is given to the Morphology and Physiology of the flowering plants and ferns. The study of Vertebrates occupies two years. The needs of both the general and the special student are provided for. The election of the Senior year offers an opportunity for more extended study in certain directions.

Laboratory work occupies a prominent place throughout the course. Instruments and methods of investigation receive special attention. Faithful records of work done, by means of notes and drawings, are insisted on.

Discipline is afforded by the practice of accurate methods, by thorough study of a few types, and by the constant use of the precise terms of science. Independence in investigation is encouraged, and is a necessary condition to admission to advanced work.

PHYSICS.

The course in Physics extends through one year. With the requirement of one one-half year in the elements for admission, this gives opportunity for tolerably advanced work. Although no individual laboratory work is done, the recitations and lectures are well illustrated by experiments designed to show the methods of reasoning by which physical laws are established.

It is the purpose of the course to enable the student to understand the application of the theories and principles of the science to the construction and running of machinery, the making of scientific instruments, to various purposes in the arts, etc.

Much attention is paid to the solution of problems. To do the work satisfactorily students need to have studied mathematics through Plane Trigonometry.

Subjects are studied in the following order: Mechanics, Heat, Sound, Light, Magnetism and Electricity.

For students pursuing distinctively scientific courses a more radical treatment of statics and dynamics by the aid of the differential and integral calculus is provided.

CHEMISTRY.

This whole course is designed to illustrate the general laws of chemical science in a comprehensive and practical way. The aim is to lead the student not only to observe and to become familiar with the fundamen-

tal facts of chemistry, but also to understand, as far as possible, the proper connection between observed facts and phenomena and the laws and principles of the science, so that discipline of mind as well as scientific and practical knowledge may be acquired. To these ends, the Department of Chemistry aims to present the study in a scientific way—to develop the subject by a carefully ordered series of lectures and experiments illustrative of the laws and principles of chemistry as well as of the properties and conduct of the particular elements studied.

From the first, students supplement the work of textbook and lecture-room with individual work in the laboratory, performing such experiments as will make them at once familiar with the use of apparatus and the observation of chemical phenomena in general. This work is done under the supervision and direction of the professor, each student making careful notes of the results of his work. Much attention is given to writing chemical reactions and making chemical calculations.

After students are well grounded in the facts and laws of the science in general, the aim is to give much practical work in the detection of bases and acids, the analysis of salts, alloys and ores, in both gravimetric and volumetric methods of quantitative analysis, in the examination of waters, dairy products, urine, etc., and in the detection of poisons. Students intending to take a course in medicine are permitted to modify their work with reference to their special needs, as far as the

wishes of the class and the time of the instructor will permit.

In organic chemistry the derivation of the various classes of organic compounds from the simple hydrocarbons is systematically considered. Much attention is given to the theory of structural formulæ, stereochemistry and kindred subjects. Laboratory work in the preparation of typical organic compounds is carried on, practice is given in the principal methods and manipulations of organic work, in distillation, melting point determinations, in purification of solids by fractional crystallization, in organic analysis by combustions, etc.

HISTORY.

Work in the Department of History is intended to serve several purposes. A primary object is to obtain an insight into the origins and development of modern civilization, as well as an understanding of the causes, meaning and results of the great crises of history. The student is required to look beyond mere facts to the motives and spirit of the age and the nation, to study social conditions, religious movements and political principles. Original investigation is encouraged and independent judgment of disputed questions is required.

The study of the growth of modern Europe, its governments and institutions, from mediæval states and society, is intended to show the sources from which the American nation and constitution have sprung, and to

help to an understanding of current events abroad. A further aim is to give to the student that breadth of sympathy and judgment that comes from a comprehension of the development and relations of peoples, literatures and ideas.

ELOCUTION AND ORATORY.

The work in the department of Elocution includes the study and practice of skilled respiration, a knowledge of physical culture as a factor in elocutionary studies in vocalization, orthoepy, orthophony, modulation, inflection, gesture, and all the vocal and visible signs required in correctness of speech and refinement of manner; also drill in analysis and synthesis of extracts from literary productions.

Oratory commences with the Freshman year. Special attention is given to its purpose, its forms, and the elements of its power—the study and analysis of extracts from British, American, Greek, and Latin orations, committing and delivering short passages, making a paraphrase of the same, original orations, extemporaneous addresses.

Sophomore year continues the study of orations, written and critical analysis of them, transposition, impromptu and extemporaneous addresses, and original orations.

PHYSICAL CULTURE.

The work in physical culture is based upon careful physical examinations made by the Director, at the be-

ginning of each term. All examinations are recorded and, according to these records, each student is given exercises which specially tend to develop him in the weak parts, so that he may become a physically symmetrical man. To this work the student is required to devote a few minutes' time each day.

Class exercise is also held to be beneficial ; in this all students enrolled engage, more general exercises, of which every one should be capable, being used. Military drill, free-hand, dumb-bell, Indian club exercises, work on gymnastic apparatus, with which we are sufficiently supplied for present needs, and gymnastic games are features of class work.

All exercises are taken under, and in the presence of, the Director, or some competent assistant, in whose absence the gymnasium is closed. Dangerous exercises are not encouraged, since the department does not aim to develop athletes. All students, except Juniors and Seniors, unless debarred by some physical disability, for which a certificate from some competent physician must be presented, are required to spend at least two hours per week in class or special exercises in this department.

In addition to the regular work in exercises, attention is called to many physiological and anatomical facts, students being required to locate the important organs and muscles, and note the effect of the various exercises on the different parts of the body. A more lasting benefit is thus secured than could be given by merely following out the exercises as given. Much good is

being done, many of the students being rendered more capable of doing with ease the work necessary in the preparation of their various studies by reason of the better balance between physical and mental exertion.

To the young ladies are given, under an instructor of their own sex, such exercises as will strengthen without overtaxing the vital organs and nerve centers, and give freedom to the entire body.

The Emerson system, which is used, includes exercises for developing every part of the body. These exercises are of special advantage to students. Many have been cured of chronic dyspepsia, nervousness, headache, and other diseases peculiar to those who lead a sedentary life. In addition to the Emerson system, the free-hand exercises, wands, dumb-bells and Indian clubs are used.

SUMMER SCHOOL.

A summer school of six weeks' duration is conducted each year from the latter part of June to a date early in August. Students are expected to take not over two courses of work, and the work in each course will be double the amount taken in the same time in the regular terms. The courses offered will vary somewhat from year to year.

The work of this school is of especial value to two classes of students. (1) Those who are slightly deficient in some line of regular work can take advantage of the summer term and make up their deficiency. This applies alike to those who have been in residence and to those who are just purposing entrance. In general, work done in the summer school will be duly credited on work looking to a degree. (2) Many who are interested in the subjects of higher education, but who are not in position to pursue their studies during the regular college year, are in this way given opportunity to make advance in their chosen lines of investigation and to keep in touch with the progress of the age.

A special prospectus of the coming session is issued each year about the first of January, and will be furnished free upon application.

ADMISSION.

Candidates for admission must furnish satisfactory evidence of good character, and those coming from other colleges must bring a certificate of honorable dismissal. No student is considered fully a member of his class, or of the institution, until he has passed at least one term satisfactorily to the Faculty, during which time he may be assigned to another class, or, if his connection with the college is deemed undesirable, may be privately dismissed.

ENTRANCE EXAMINATIONS.

Examinations in all the subjects required for admission are held in June and September. (See Calendar.)

REQUIREMENTS FOR ADMISSION.

All candidates for admission, except those provided with certificates or diplomas as specified below, are examined as follows, but only two of the three languages, Greek, Latin and German, are required:

ENGLISH: The elements of Rhetoric as found in Williams' text-book or some other standard work, together with an English composition, correct in spelling, punctuation, division into paragraphs, grammar and expression, based on some subject to be announced

at the time of the examination. In 1897 the subjects will be chosen from Irving's *Sketch Book*, Lowell's *Vision of Sir Launfal*, Scott's *Lady of the Lake* and *Ivanhoe*, Shakespeare's *Merchant of Venice*, and Tennyson's *Idylls of the King*.

MATHEMATICS: The candidate is required to furnish satisfactory evidence of having completed the study of Arithmetic, Algebra to the general binomial formula, and Plane Geometry with all the accompanying exercises. These branches must be represented by the most advanced text-books of Wentworth in each, or an equivalent. Particularly: (1) in *Arithmetic*, all definitions, tables for weights and measures (including the metric), fractions, common and decimal, percentage and its applications, ratio, proportion, square and cube roots, etc.; (2) in *Algebra*, definitions and fundamental rules, factoring, elimination, involution, evolution, equations of the first and second degrees, radicals, ratio, proportion, variation, indeterminate equations, arithmetical and geometrical progressions; (3) in Plane Geometry, definitions, propositions, problems, and original work.

GREEK: (1) All Attic forms with accents. Four books of Xenophon's *Anabasis* with Xenophon's *Symposium*. (2) Greek Prose Composition (Jones's *Greek Prose Composition* or the first two parts of Allison's). Equivalents may be offered. Preparation for this examination requires two years' work with at least four recitations per week.

GERMAN: Harris's *Composition*, together with some three hundred pages of easy prose such as that of Riehl, Hauff, and Heyse. Thorough acquaintance with grammatical forms and rules is required, special attention being given to strong verbs, gender and plurals of nouns, word formation, and inflection. The prose reading mentioned should have been preceded by one year's study of some such grammar as Joynes-Meissner or Collar's *Eysenbach*, together with easy reading.

LATIN: Candidates are examined (1) in the following authors with questions on subject-matter, constructions, and the formation and inflection of words: *Cæsar*, four books of the *Gallic War*; *Cicero*, six orations; *Virgil*, five books of the *Æneid*, with prosody; (2) in the translation at sight of passages of average difficulty from *Cæsar* and *Cicero*; and (3) in the translation into

Latin of a piece of connected English based on principles contained in first forty-six lessons of Allen's Introduction to Latin Prose Composition. Thorough acquaintance with grammatical forms and rules is required. The rules of quantity should be learned along with the declensions and conjugations. Three years' time is regarded as necessary to do properly the above work. In the reading of the authors named, the following sequence is recommended: Cæsar, Cicero, Virgil. The method of pronunciation of Latin used in this college is the Roman as given in the report of the committee on Secondary School Studies appointed at the meeting of the National Educational Association July 9, 1892.

HISTORY: Candidates are examined in Myers's General History, with special attention to the sections devoted to Greece and Rome.

CIVIL GOVERNMENT: Fiske's *Civil Government of the United States*, or an equivalent.

PHYSICS: Gage's *Elements of Physics*, or an equivalent.

BOTANY: Spalding's *Introduction to Botany*, or an equivalent.

OPTIONAL STUDENTS.

An applicant for admission not a candidate for a degree, having passed the examinations required for admission, may be allowed to register as an *optional student*, and elect such work as may be open to him; such applicant, however, unless of mature years, will be required to bring written request from parent or guardian, otherwise he will be assigned work in one of the regular courses of study.

SPECIAL STUDENTS.

An applicant at least 21 years of age may be admitted as *special student* on recommendation of a committee of the faculty appointed for the purpose of consid-

ering such applications. A student thus applying will not be required to make the regular entrance examinations, but merely to pass such of them as shall suffice to show that he is prepared to do profitable work in the special line selected. The committee appointed to consider special applications, as at present constituted, consists of Professors Iden, Howe and Wilson, and application should be made directly to these.

ADMISSION TO FRESHMAN CLASS WITHOUT EXAMINATION.

Certificates of work done in public or private schools of approved standing are accepted in lieu of examinations, subject to the following conditions:

1. The student's application for admission must be accompanied by a certificate from the principal of the school from which he comes.

2. This certificate must furnish full and specific information concerning the applicant's studies, the time that he has devoted to them, and should indicate, by means of the usual marks, his proficiency therein.

3. The candidate presenting the certificate of a principal, will, however, not be exempted from the entrance examination in any particular subject unless his certificate shows that he has satisfactorily accomplished the full amount of work in that subject.

And further, in harmony with a recommendation adopted at a meeting of the college presidents of Indiana, held at Indianapolis, November 17, 1893, every

candidate for admission to college, whether from a commissioned high-school or other, shall be subject to examination in English for the purpose of determining his ability to use the English language correctly.

4. Admission on certificate will, in every case, for the first term, be regarded as merely *provisional*. Should the student, after a term's residence, be found to be unable to pass the examinations of the class to which he has been temporarily assigned, he will be required to accept such other classification as may be deemed equitable.

ADMISSION TO ADVANCED STANDING.

A candidate for admission coming from another college must present, along with the catalogue of the institution in which he has studied, a careful statement, duly certified, of the studies which he has pursued and the degree of proficiency attained therein; in which case he will be admitted provisionally to such standing as the faculty may deem equitable. The standing of a student thus admitted, however, shall not be regarded as confirmed until he shall have given proof of ability to do satisfactorily the work of the class to which he has been temporarily assigned. If by the close of the first term following his admission he shall have failed in this, he will be required to take the position and rank for which, in the judgment of the faculty, he may be fitted.

RESIDENCE.

REGISTRATION.

Students register at the beginning of the session for the work of the whole year, obtaining blank forms at the office of the president, to whom application must be made. No credit will be allowed for work not so registered. Changes in registration after the first week will not be allowed except by special permission of the faculty.

RELIGIOUS DUTIES.

All students are expected to attend daily morning devotional exercises in the College chapel, and, on Lord's Day, religious services at such place of public worship as each may elect.

CLASS EXERCISES.

The courses of study are all the same in amount and time required for their completion: Sixteen hours recitation per week, through four years, two hours of laboratory work being regarded as the equivalent of one of recitation. No student will be graduated until he shall have passed successfully in work which, including all the requirements of his course, shall amount to an ag-

gregate of sixteen hours a week, during the whole of four years.

FINAL EXAMINATIONS OF THE TERMS.

Regular class examinations are held at the end of each term. Failure at examination entails forfeiture of position in class. A student taking an examination at a time other than that appointed for his class must first pay to the treasurer, for the benefit of the library fund, the sum of one dollar.

A student failing in class examination may be granted separate examination under the above condition. But all deferred examinations must be made good within one term after omission or failure, otherwise the student will be required to go over the work again in class a year later, and so long as a student is in arrears with any of his examinations he shall not be eligible to *exemption* (see below) in the department in which such examinations are due.

EXEMPTION FROM EXAMINATION.

A student, at the discretion of the professor in charge, may be exempted from the final examination of his class in any department, provided he has attained a certain specified degree of excellence in the work done, and provided further he has been present, from beginning to end, at every exercise held by his class in that department during the term. By resolution of the faculty, hereafter no exception will be made to this rule.

CLASSIFICATION OF STUDENTS.

A degree of laxness is sometimes hard to avoid in the classification of Freshmen and Sophomores, but no student will be classed as Junior until he shall have registered the full requirements of the Junior year and all deficiencies of former years.

TERM REPORTS.

During the last week of each term a report of the attendance and proficiency of each student is prepared and sent to his parent or guardian, who is earnestly requested to give such report careful attention, or to notify the secretary of any failure to receive it.

PRIZE ORATIONS.

The Board of Directors offers, on the following conditions, two prizes, first and second, to members of the Sophomore class who shall compose and deliver English orations. The orations shall not exceed fifteen minutes in delivery. The faculty, or a committee appointed by them, shall judge of the thought, composition and elocution. The orator receiving the highest grade shall receive the first prize, the next highest, the second prize.

PAYMENTS TO THE COLLEGE.

The fees for tuition, incidentals, apparatus, and library are payable at the beginning of each term, be-

fore enrollment in class. They amount to twelve dollars per term, as follows:

Tuition fee, \$6 in script, costing.....	\$ 50
Incidental fee.....	10 00
Library fee.....	1 50
	<hr/>
Total per term.....	\$12 00

A special fee is charged students having work in Chemistry and Biology, viz.:

One course per term.....	\$2 00
Two courses per term.....	3 00

In addition to the above fees, there is to be taken into account a gymnasium suit, the price of which is about \$1.50.

The tuition fees of non-resident graduate students are one half the regular rate, plus the usual fee for special examinations.

There is no extra fee for elocution or gymnastics.

An extra fee is charged for special examinations (see p. 58).

A fee of \$5 to cover expenses of graduation, degree, etc., is charged each person taking the baccalaureate degree. This fee must be paid before the degree is conferred. The fee charged for an advanced degree is ten dollars, which must be paid before the degree is conferred. No money is refunded to a student leaving during term time.

EXPENSES OF RESIDENCE.

Following are estimates of yearly expenses, calculated for a session of thirty-six weeks:

	Lowest.	Liberal.	Highest.
Tuition per year (three terms at \$12)....	\$36	\$42	\$45
Room, board, lights and fuel.....	126	144	175
Books.....	20	30	40
	<hr/>	<hr/>	<hr/>
	\$182	\$216	\$260

The first estimate is low as regards rooms, board, etc., being based on the lowest charge made at College boarding-hall; the second estimate is liberal, having for its basis the usual charge for boarding in Irvington; the third estimate is exceptionally high.

GRADUATION.

AMOUNT OF WORK REQUIRED.

All the courses leading to the baccalaureate degree require each four years for their completion, except in case of admission to advanced standing, as elsewhere provided, but a candidate for admission to advanced standing will not be received after the first term of the year in which he proposes to graduate. An average number of sixteen hours of recitations per week throughout the four years is provided, and no student will be allowed to exceed this number except by special permission of the faculty—which permission will not be granted until the candidate has been in the College at least one year.

BACCALAUREATE DEGREES.

I. The degree of Bachelor of Arts is conferred on students who complete the required amount of work in one of the regular courses as elsewhere prescribed (see pp. 74–90), and pass satisfactory examinations in the same.

BACCALAUREATE THESES.

A thesis is required of every candidate for the Bachelor's degree. It must be in the line of the student's main work during his Junior and Senior years, and its subject will be selected with the concurrence of the professor in charge of the study to which it belongs. This selection of subject must be made and reported to the faculty not later than the last Saturday before the Christmas holidays. Should a student fail to report such selection, a subject will be assigned him by the faculty. The thesis in its completed form must be submitted to the professor in charge not later than the fourth Thursday before Commencement Day, and to be acceptable must have the character of a scholarly dissertation on the subject chosen. The candidate for graduation, after approval of his thesis by the faculty, and before he can receive his diploma, must furnish a copy to be deposited in the library. Special paper is provided for this, which may be obtained from the librarian. Should a student fail to submit his thesis as above indicated, then, in order to secure its acceptance, he will be required to appear before the faculty and furnish good and sufficient reasons for his delinquency.

ADVANCED DEGREES.

The degree of Master of Arts is conferred on any student who has taken the corresponding baccalaureate degree here or in other college of equal requirements,

on the following conditions: (1) In case of non-residence the candidate for Master's degree is required to pursue a course of graduate study for two years under direction of the faculty, pass satisfactory examinations and present a thesis on one of the subjects studied. (2) In case of residence the candidate is allowed to limit his course of study to one year, provided that he, during that time, attend regularly all the exercises that may be assigned him, pass satisfactory examinations and present a thesis on one of the subjects studied. The work of candidates for Master's degree may consist (*a*) of subjects especially assigned to individual students and (*b*) of lines of study to be selected, under the direction of the faculty, from under-graduate elective work, which, in the case of resident students, may, in certain cases, be pursued along with under-graduate classes; but no work done by a student while yet an under-graduate shall be allowed to count anything toward fulfilling the requirements of a graduate course. Copy of thesis to be deposited in the Library as above indicated under *Baccalaureate Theses*.

COURSES OF STUDY

LEADING TO THE DEGREE OF BACHELOR OF ARTS.

FRESHMAN YEAR.

FALL TERM.		WINTER TERM.		SPRING TERM.	
Bible.....	1	Bible.....	1	Bible.....	1
Gymnasium.....	2	Gymnasium.....	2	Gymnasium.....	2
Mediæval History..	5	Modern History....	5	French.....	5
Mathematics.....	5	English, Elocution.	5	Mathematics.....	5
Latin	} One to be elected. 5	Latin	} One to be elected. 5	Latin	} One to be elected. 5
Greek		Greek		Greek	
German		German		German	

SOPHOMORE YEAR.

FALL TERM.		WINTER TERM.		SPRING TERM.	
Bible.....	1	Bible.....	1	Bible.....	1
English	5	English	5	French.....	5
French	5	French	5	Gymnasium	2
Gymnasium	2	Gymnasium.....	2	Sociology	} 5
German	} One to be elected. 5	German	} One to be elected. 5	Philosophy	
Greek		Greek		(One to be elected.)	
Latin		Latin		Chemistry	} 5
Mathe- matics		Mathe- matics		Biology	
				(One to be elected.)	

JUNIOR AND SENIOR YEARS.

The studies of the Junior and Senior years are grouped as follows :

- I. LINGUISTIC: English, French, German, Greek, Hebrew, Latin.
- II. HISTORICAL AND PHILOSOPHICAL: History, Philosophy, Sociology.
- III. SCIENTIFIC: Biology, Chemistry, Mathematics, Physics.

Fifteen hours per week are required. Student will elect not more than two subjects from any one group.

FRESHMAN YEAR.

BIBLE.

Through year: Tu., 8.

The fall term is devoted to the study of the geography of Bible lands, the origin and racial characteristics of the Hebrew people, and their history from the beginning of their national existence to the establishment of the monarchy.

The winter term is devoted to a study of the national life, from the establishment of the monarchy to the exile. Particular attention is paid to the social conditions which caused the division of the kingdom and gave rise to the prophetic movement.

The spring term is devoted to a study of the post-exilic period to the end of the period covered by the canonical books of the Old Testament.

ELOCUTION.

Winter: Thr., 10.

Exercises in breathing, vocal culture, position and gesture. Elements of pitch, time, force and emphasis, with their practical application to selections. Analysis and memorizing of representative extracts from orations. Practice in extemporaneous speaking. More extended work in Oratory and Shakespearian reading may be taken in Sophomore year if desired.

ENGLISH.

Winter: Tues., Wed., Fri., Sat., 10.

(a) Rhetoric: Themes: Description, Narration and Exposition.

(b) Survey of English literature illustrated with representative authors.

(c) Literature: Study of the Eighteenth Century authors, Dryden, Pope, Swift, Defoe, Addison, Steele, Collins, Gray, Johnson, Goldsmith, Gibbon, Burke.

FRENCH.

Spring: daily, 9.

The beginning class uses as text-book Grandgent's Short French Grammar, or some similar work, spending the first term in acquiring the pronunciation, a working vocabulary, an acquaintance with the simpler rules of syntax, and a knowledge of the irregular verbs. Latin, French and English word-forms are made a basis for incidental exercise in etymology and historical phonetics. Reading of connected prose is commenced at the earliest opportunity, *Le Conscrit de 1813*, by Erckmann-

Chatrian, furnishing the material. Composition is usually based on the texts read.

GERMAN.

Through year: daily, 11.

Before admission to the Freshman-class, the student is expected to have acquired a very considerable vocabulary. The learning of words and idioms occurring in the course of reading is at all times emphasized. The reading during the year consists of works bearing upon German life, or upon certain periods of the history. Freytag's *Doktor Luther* and *Bilder aus der deutschen Vergangenheit*, Heinrich von Sybel's *Erhebung Europas* and Immermann's *Oberhof* are some of the texts used. Reading three hours a week. Composition one hour a week, for which Jagemann's *German Prose Composition* is required.

GREEK.

Through year: daily, 11.

Xenophon's *Memorabilia*; the short orations of Demosthenes, and Andocides on the Mysteries; writing of Greek prose based on the authors read. Three points are to be especially aimed at during this year, viz.: An accurate knowledge of the forms and syntax, the pronunciation of Greek as expressive of thought, translation into good English. Also history will be studied by means of Robinson's *Short History of Greece*. The student should be provided with a classical atlas and a dictionary of antiquities.

HISTORY.

Fall, Winter: daily, 9.

In addition to General History, which is required for entrance, students in Latin and Greek are given, in those departments, courses in the outline history of Rome and Greece. The first term's general work in the department of History covers the mediæval period. Text-book (Thatcher and Schwill), lectures and recitations are employed, together with frequent written reviews.

The social and political conditions which brought the Feudal system into existence are studied, as well as those that resulted therefrom. The rise of the Papacy, of Mohammedanism, of the Holy Roman Empire, and of the French Monarchy, receive special attention.

The second term's work covers the modern period. The text-book used is Lodge's *History of Modern Europe*. It begins with

the period of the Renaissance and the Reformation, and deals with the leading social, political and religious questions of Modern European History. The Empire of Charles V, the age of Louis XIV, and the rise of the Prussian Monarchy, are special topics. The French Revolution and the Napoleonic Era are then studied, with a review of the course of events since the battle of Waterloo.

LATIN.

Through year: daily, 2.

Cicero, De Senectute; Livy, Book XXI; Horace, Odes and Epodes; Latin Writing; Mythology; Horatian Metres. The work runs through the year, the above authors being taken in the order named. Concurrent with the critical reading of these authors is daily practice in writing Latin—this as a means, the surest means, whereby the student may obtain firm grasp of the structure of the language. The writing is at sight on material furnished by the writers read—mainly the De Senectute.

Students admitted to the Freshman class are required to be familiar with some such outline of Roman history as that of Myers. Where deficiencies in this regard are shown a review will be required.

In connection with the reading of Horace's odes due attention is given the subject of Greek and Roman mythology, particularly with a view to emphasizing its great influence on literature and art.

Besides the texts mentioned above, the student must be provided with Allen & Greenough's Latin Grammar, Lewis's Latin Dictionary, Guerber's Myths of Greece and Rome and a classical atlas.

MATHEMATICS.

Fall, Spring: daily, 10.

Solid geometry, with a large selection of original problems and theorems, will be required. The resulting mensuration formulæ will be memorized and illustrated by examples. The advanced parts of algebra will be studied, embracing the logarithmic and binomial formulæ; the various series, with the law of their convergency; choice, chance, probabilities; imaginaries, the theory of equations with the application of Sturm's Theorem and Horner's method to the determination of irrational roots of numerical equations; the application of determinants to the solution of

linear equations; Plane Trigonometry and land surveying, with practice in the use of the Transit and Level in roads and ditches and the requisite computations of excavation and fill.

PHYSICAL CULTURE (Men).

Through year: Wed., Fri., 8

Carefully graded work in the gymnasium throughout the year, consisting of the following exercises: Dumb-bell and posture drill, rings, wrestling, side horse, ladders, single stick drill, Indian clubs, parallel bars, basket ball, high horizontal bar. Each day's work to be preceded by a practical talk in general on physiological subjects, supplemented by use of text-book, "First Aids to the Injured."

PHYSICAL CULTURE (Women).

Through year: Th., Sat., 8.

All exercises are taken under the supervision of the director. Military and fancy marching, dumb-bells, wands, Indian clubs, Swedish movements and æsthetic gymnastics.

SOPHOMORE YEAR.

BIBLE.

Through year: Wed., 2.

Since the Sophomore class of 1897-8 has not covered the ground indicated in the course announced for the Freshman year, the fall term and a part of the winter term will be devoted to a more hasty survey of the period covered by the literature of the Old Testament. The balance of the year will be devoted to a study of the period extending from the close of the former, through that intervening between the close of the Old Testament canon and the beginning of New Testament history, and through the New Testament period at least to the death of Paul.

BIOLOGY.

Spring: daily, 8.

General Biology: A study of the structure, functions and development of typical plants and animals. An introduction to Botany, to Zoology, and to the general principles of Biology. The following list of organisms will indicate the range and character of the work: amoeba, arcella, pleurococcus, yeast, bacteria, euglena, paramœcium, vorticella, globigerina, diatoms, mucor, penicillium, spirogyra, laminaria, chara, moss, fern, hydra, earthworm, mussel, cray-fish, frog.

CHEMISTRY.

Spring: daily, 8.

General Chemistry is studied by means of lectures and a text-book. Remsen's *Introduction to the Study of Chemistry* (new edition) will be the class book, while Remsen's *Complete Work* will be much used as a book of reference.

Qualitative analysis is begun. Detection of bases completed. In Qualitative analysis instruction is given mainly by lectures, but students are required to have some standard laboratory manual on the subject. Most of the work after the first term is done in the laboratory.

ELOCUTION.

Fall, Winter: Wed., 11.

Further exercises as outlined under Freshman year.

ENGLISH.

Fall, Winter: Tues., Thr., Fri., Sat., 11.

(a) Debate and Oratory.

(b) Literature: Study of Nineteenth Century Authors, Cowper, Burns, Scott, Tennyson, Rossetti, Jeffrey, De Quincey, Macaulay, Carlyle, Arnold, Newman, Ruskin.

The aim of this course is to show that the literature of the present century is the result of different movements in the national life, and to develop critical appreciation of our best literature in prose and poetry, so that the student may read with greater pleasure and understanding the authors taught in the Junior and Senior years.

FRENCH.

Through year: daily, 10.

This year is given up to a systematic study of French literature, history being constantly supplemented by reading and criticism of authors and the literature of successive periods. After reading selections from Joinville's *Histoire de Saint Louis*, and some of the earlier lyric verse, the masterpieces of Corneille, Racine and Moliere are studied in connection with the development of the drama. Then follows reading from Pascal, Bossuet, Voltaire and Beaumarchais. The romantic school, as exemplified in Balzac, Victor Hugo, Lamartine and George Sand, is considered, and the course closes with a review of the most popular writers of the last half century. Some attention is to be given each week to sight-reading and composition. (Owing to changes in the course of study, the Sophomore class in 1897-'98 will begin

the study of French with the first term. The course given above will be that of the Sophomore class of 1898-'99.)

GERMAN.

Fall, Winter: daily, 9.

The aim in this year's work is to acquaint the student with some of the best known German novels and classics. Freytag's novels, Scheffel's *Ekkehard*, Heine's *Harzreise*, Schiller's *Tell*, Lessing's *Minna von Barnhelm*, etc., are read. In the selection of text, the tastes of the class are consulted. Exercises in composition are continued throughout the year.

GREEK.

Fall, Winter: daily, 9.

Herodotus and Thucydides. In Herodotus the reading will be rapid. In Thucydides particular attention given to the speeches.

LATIN.

Fall, Winter: daily, 8.

The *Phormio* of Terence, *Epistles* of Horace, *Dialogus de Oratoribus* of Tacitus, translations at sight, Roman History, History of Roman Literature.

The above-named authors will be read in the order given, the work continuing throughout the year, with frequent exercises in translation at sight. The collateral historical work indicated is meant to be selected epochs of Roman political history down to the close of the reign of Augustus (*Merrivale's General History of Rome*).

MATHEMATICS.

Fall, Winter: daily, 8.

(A) Bowser's *Analytical Geometry*, *Differential and Integral Calculus*, followed by his *Analytical Mechanics* and a solution of all the examples in each, extending through the Sophomore and one term of the Junior year. (B) A course in *Higher Algebra*, *Theory of Equations* and *Elementary Determinants*. (C) A course in *Cremona's Projective Geometry*.

PHILOSOPHY.

Spring: daily, 11.

Introductory Psychology. In this course the intention is to treat in an elementary way the main problems of psychological science, such as perception, mental imagery, attention, emotions, desire. The purpose is to acquaint the student with the methods of introspection and their application, and to prepare him for a more thorough investigation of these and allied subjects. Text-book, *Ladd's Primer of Psychology*.

PHYSICAL CULTURE (Men).

Through year: Tues., Fri., 2.

Work in the gymnasium throughout the year, consisting of carefully arranged variations of the following exercises: Single stick drill, high bar, wrestling, long horse, Indian clubs, side horse, floor work, parallel bars, and spring board. Supplemented by Physiology of Bodily Exercises (Lagrange) and Studies on Training.

PHYSICAL CULTURE (Women).

Through year: Wed., Sat., 2.

Military and fancy marching, dumb-bells, wands, Indian clubs, Swedish movements and æsthetic gymnastics.

SOCIOLOGY.

Spring: daily, 11.

This course is intended to give the student a general introduction to the study of society and to introduce him to the subjects covered by the special social sciences. The work of the term will be based upon Small & Vincent's Introduction to the Study of Society, but will include a study of concrete social phenomena and reference to books in the college, city and state libraries.

JUNIOR YEAR.

I.

ENGLISH.

Winter: daily, 8; Spring: daily, 11.

(a) Elizabethan Authors. (b) History of Poetics. Text-book: Gummere's Hand-book of Poetics.

FRENCH.

Through year: daily, 10.

In 1897-'98 the Junior class will begin the study of French with the first term, as heretofore. In 1898-'99 elective courses in French will be offered in the second and third terms, the required work up to that time covering the ground indicated in the outlines given for work by the Freshmen and Sophomore classes.

GERMAN.

Winter, Spring: daily, 8.

In the Junior year a more exact study of the literature and its history is begun. It is expected that the student will have acquired by this time a knowledge of vocabulary and sentence structure sufficient to render reading very easy. Kluge's Geschichte der deutschen National-Litteratur is used as a text-

book. This work is supplemented by outside reading and references to other histories of the literature. In connection with each period, as studied in the text-book, representative works of the period are read.

GREEK.

Winter, Spring: daily, 8.

Greek Drama: Æschylus, Sophocles, Euripides, and Aristophanes. One or more works from each. A careful study of the metre will be made. Further, a literary study of these authors, given by means of lectures and extracts from their works. The Greek Theatre, with all its accessories, will be another feature of this year's work.

HEBREW.

(Announcement to be made later.)

LATIN.

Winter, Spring: daily, 9.

A course in Roman Literature. Text-book: Cruttwell's History of Roman Literature. Selected Latin authors will be read. This course is designed to present a connected view of the whole field of Roman literature.

II.

BIBLE.

Through year.

(Announcements to be made later.)

PHILOSOPHY.

Fall, Winter: daily, 9; Spring: daily, 8.

General Psychology. The scope and methods of the science, description of the elements of consciousness and consideration of the laws and processes of mental development are treated in lectures and free discussions. Frequent reference to various authors is required, and papers upon selected topics are assigned to each student. James' Psychology, Briefer Course, may be made the basis of investigation, while his larger work, Höffding's Outlines of Psychology, Ladd's Psychology, Descriptive and Explanatory, and works of similar scope will be used for reference. In the assignment of papers, the special interests of students will be carefully considered, particularly those interested in pedagogical problems.

Logic. The processes of conception, judgment, reasoning carefully studied from the psychological standpoint. The purpose is to treat of both the inductive and deductive phases of thought,

and to suggest some of the philosophical problems involved in them. Minto's *Logic*, Inductive and Deductive, supplemented with lectures and papers.

Ethics. The method is to treat psychologically and critically the main moral concepts, such as the good, obligation, freedom. A careful analysis of character, habit, desires and ideals to be made from the ethical point of view. The work is in lectures, preparation of abstracts and papers and free discussions.

POLITICAL ECONOMY.

Winter: daily, 11.

This course will be based upon Davenport's *Outlines of Economic Theory*. Reference will also be made to other writers, especially where their position differs from that of the text-book. It is expected that the work of this term will enable the student to get an intelligent grasp upon the methods of economic science and to critically examine the leading theories advanced by economic thinkers.

POLITICAL SCIENCE.

Spring: daily, 9.

The work of this term will be devoted to a study of the political institutions of the United States; but at every step a comparison will be made between these institutions and those of the other leading nations, with a view to arriving at a broad conception of the nature and functions of the state and an estimate of the value of various forms of political organization. Bryce's *American Commonwealth* will be used for constant reference.

(See also courses announced for the Senior year.)

SOCIOLOGY.

Fall: daily, 11.

This course is the same as that described in the announcements for the Sophomore year. Because of the shifting of courses, it is offered for Juniors in the fall of 1897, opportunity not having been afforded them to take it at the time at which it will hereafter appear in the college course.

III.

BIOLOGY.

Fall: daily, 8-10; Winter: daily, 2-4.

The class is divided into two sections, the student electing either Botany or Vertebrate Anatomy.

Botany. A study of the Phanerogams and Ferns. (1) The plant

cell, its structure and simple functions; cell division and conjugation; sex in plants. (2) The structure and development of vegetative and reproductive organs as illustrated in the sunflower, elm, maize, hyacinth, smilax, Scotch pine, *Aspidium*, *Adiantum*. (3) Physiology of plants. Bessey's Botany and Bower's Practical Botany, Part II, will be required. Open to students who have taken Preparatory Botany or General Biology.

Vertebrate Anatomy. (1) General development of the Vertebrates, Classification, Geological Succession. (2) A comparative study of the physiological apparatus of Vertebrates: the skeleton, muscular system, nervous system, sense organs, respiratory mechanisms, etc. (3) Parallel with the above, laboratory work on *Amphioxus*, the lamprey, skate, cod, lizard, pigeon and cat (or rabbit). Parker's Zootomy and Wiedersheim and Parker's Comparative Anatomy are used. Prerequisite: General Biology.

CHEMISTRY.

Fall: daily, 8-10; Winter: daily, 2-4.

Qualitative analysis continued. Detection of acids, analyses of simple and mixed salts, minerals, alloys and ores. Quantitative analysis. First, by gravimetric, then by volumetric methods. Students will have sufficient practice in each to acquaint themselves with the processes commonly used in quantitative analysis. Special work may be done in the analysis of milk, butter, examination of waters, urine, or in any line for which the student is thought by the professor in charge to be qualified. Time, at least six hours per week in the laboratory.

MATHEMATICS.

Winter: daily, 11.

Bowser's Mechanics finished. Johnson's Surveying, embracing adjustment and use of instruments, land, topographical, geodetic, and city surveying, with computations of earth work. Those taking course (A) in Sophomore year can, instead of the foregoing, take higher work in Analytical Geometry and Calculus during the Junior and Senior years. Charles Smith and Todhunter or Williamson will be used. This course would furnish a good introduction to work in the Polytechnic schools.

PHYSICS.

Spring: daily, 11.

The general properties of matter; principles of motion and force; laws of motion as affected by gravity and other forces separately

and combined; theory of machinery; elasticity and strength of materials.

Hydrostatics and hydrodynamics, followed by the kinetic theory of gases; the theory of undulations in elastic fluids, with applications to sound, and the theory of musical instruments. Then follow laws controlling ether waves, with application to refraction and reflection of light, and the construction and use of optical instruments.

Study of electricity and magnetism. Lectures on the method of generation of electricity and its application to lighting, telegraphy, the telephone and the driving of machinery are given.

SENIOR YEAR.

I.

ENGLISH.

Fall: daily, 9; Spring: daily, 8.

Alternative courses are offered as follows: (A) History of the English Language: (1) Anglo-Saxon. Text: Bright's Reader. (2) Specimens of English before Chaucer. (3) Chaucer. (B) The Novel: Richardson, Fielding, Burney, Austin, Scott, Dickens, Thackeray, Eliot.

English Drama: Interpretative study of Shakespeare.

FRENCH.

Fall, winter: daily, 11.

In 1897-8, the work of the Senior class will be that outlined in this catalogue for the Sophomore year hereafter. In 1898-9, after the first term, elective courses will be offered for advanced students. These will be announced in next year's catalogue.

GERMAN.

Through year: daily, 8.

The class continues the study of the literature with Kluge's *Geschichte der deutschen National-Litteratur* as a text-book, and with readings in and out of class. The work done consists in the study of the masterpieces of Lessing, Goethe and Schiller, including both poetry and prose.

GREEK.

Through year: daily, 8.

Homer's *Odyssey*: Metrical pronunciation and rapid reading, features of this work. Lectures on archæology, with help from

photographs, open to all Seniors. See ART, *infra*. Plutarch's Lives, Lucian, or Modern Greek. *New Testament Greek* instead of classical may be taken by ministerial students. Announcements later.

HEBREW.

(Announcement to be made later.)

LATIN.

Through year: daily, 9.

The Annals of Tacitus (Books I–VI) and Suetonius's Life of Tiberius. A study of the life and times of Tiberius, with direction of the student's private reading.

II.

ART.

Winter, Spring: Fri., 11.

Lectures on history of Greek art, open to Seniors in Greek and Latin. Tarbell's handbook has been used as a basis during the past year. For reference Furbrängler, Collignon, Overbeck, Perrot and Chipier, Lübke, Gardner, Baumeister, and Duruy are constantly used. Photographs and casts assist in a clearer understanding and appreciation of the subject. Special assignments are made to members of the class. The course will be enlarged each year as the collection of the casts increases.

CHURCH HISTORY.

The purpose of this branch of historical study is to continue and supplement the historical studies of the Old and New Testaments of the Sophomore year. Its scope will be a survey of the influence of the church as an organization on the civilization of the world, particularly on its religion, governments, education, reformations, philanthropies and the various religious movements of modern times. Besides, it is believed, there is large intellectual and moral culture derived from an intimate acquaintance with the eminent men of church history, their times and their work. And so, in a large measure, the method of instruction will be biographical.

BIBLE.

Through year.

(Announcements to be made later.)

ETHICS.

This subject will divide the year with church history and with it will constitute one of the elective courses of the Senior year.

The scope of this study will be, first, an historical survey of the various ethical systems of the past; and secondly, to place the ethical system on sound theoretical principles, and point out their practical application to the relations and duties of life.

HISTORY.

Spring: daily, 11.

The work begins with the period of the Renaissance and the Reformation, and deals with the leading social, political and religious questions of Modern European History. The Empire of Charles V, the age of Louis XIV, and the rise of the Prussian Monarchy, are special topics. The French Revolution and the Napoleonic Era are then studied, and the year's work closes with a review of the course of events since the battle of Waterloo.

PEDAGOGY.

Through year.

History of Education (Fall and Winter). This course aims to present the treatment of educational problems and methods as they appear in the various periods of history, but more detailed consideration is given to the modern systems of Pestalozzi and Herbart. Special attention is also directed to the recent developments and discussions in current pedagogical thought. Compayré's *History of Pedagogy*, and William's *History of Modern Education* serve to outline these investigations.

Seminary in Educational Psychology (Spring). This course is intended for advanced students and will present the methods and results of experimental psychology and child-study in their pedagogical bearings. The literature of these subjects will be reviewed and selected problems investigated.

PHILOSOPHY.

Through year: daily, 10.

History of Philosophy (3 hrs.). This course covers a study of the chief problems and methods of philosophical thought from antiquity to the present time. But in order to give definiteness to the work, particular emphasis is placed upon certain systems. Constant reading from the principal works and preparation of papers upon selected topics is required. In this way the Fall term will be devoted to Greek philosophy, particularly to Plato and Aristotle; the Winter term, to modern continental thinkers, such as Descartes, Spinoza, Leibnitz and Kant; the Spring term, to British philosophy, Locke, Berkeley and Hume. Windelband's *History of Philosophy* is used.

Introduction to Philosophy (2 hrs.). This course is designed to be taken in connection with the History of Philosophy and to supplement it. It affords a systematic, constructive treatment of the fundamental problems of philosophical thought. It treats of the relation of philosophy to the various sciences and other disciplines, and views in a connected way the fields of psychology, logic, ethics, æsthetics, and the philosophy of religion. An outline for the course is provided in Stückenbergs or Ladd's *Introduction to Philosophy*.

SOCIOLOGY.

Fall, Spring: daily, 10; Winter: daily, 9.

(1) *Primitive Civilization.* A study will be made of some of the leading problems of Anthropology and Ethnology, particular emphasis being laid upon the industrial and ethical development among primitive peoples. It is believed that only by a study of the beginnings of civilization can the proper point of view be attained from which to proceed to the study of the laws and forces of a more advanced civilization.

(Open also to Juniors who elect the courses prescribed for the Junior year.)

(2) *Beginnings of Modern Civilization.* In this term a study is made of those elements of civilization which have come down to us from the ancient world. The Mediæval Period, as the period of transition, will receive particular attention. The emphasis will be laid upon the industrial and ethical development of the period.

(Open also to Juniors who elect the courses prescribed for the Junior year.)

(3) *Modern Society.* A study will be made of the social development since the Renaissance. The main study of the term, however, will be upon the causes leading up to, and the results following, the Industrial Revolution. During the latter part of the term, the seminary method will be pursued, and the students will be encouraged to work upon independent lines.

(Open also to Juniors who elect the courses prescribed for the Junior year. These three courses will not be repeated in 1898-9.)

III.

*ANATOMY.

(1) Osteology, articulations, muscles and fasciæ. (2) Circulatory system, respiratory system, nervous system, organs of special function, with course of dissection. (3) Minor surgery: Sutures, bandages, dressings, methods, preparation, practical work. Pre-requisite: General Biology, Vertebrate Anatomy, Histology.

BIOLOGY.

Fall, Spring: daily, 2-4; Winter: daily, 8-10.

During this year students who have had two years' work in Biology may pursue advanced studies for which they are prepared, in any one of the following lines: Animal Histology, Vertebrate Embryology, Invertebrate Morphology, Systematic Zoology, Cellular Biology, Bacteriology. Students making Biology their major study will devote a part of the time to the preparation of a thesis. Such assistance is given as will enable the student to accomplish his ends.

CHEMISTRY.

Fall, Spring: daily, 2-4; Winter: daily, 8-10.

This year will be given to the study of organic chemistry. Remsen's work will be the text-book, supplemented by some laboratory manual. Besides mastering the text-books, students will do much laboratory work in the preparation and analysis of organic substances.

GEOLOGY.

Lectures, recitations and laboratory work.

An introduction to Crystallography, Mineralogy, Lithology, and the general principles of Geology. (1) A study of crystal forms and systems of notation. (2) Determination of minerals by physical characters and simple chemical and blow-pipe tests. (3) Geology proper, Dynamical, Structural, Historical. Text-book, Leconte's Elements of Geology. For reference, Williams' Crystallography, Dana's Mineralogy.

Open to students who have taken General Biology, Physics and Chemistry.

*This course is given in the Medical Department of the University.

***MATERIA MEDICA.**

The course consists of lectures and recitations. The department is provided with a collection of medicines, embracing most of the remedies now in use, both officinal and unofficinal, thereby assisting the student in acquiring reliable knowledge of the physical properties and characteristics of remedial agents. For the purpose of practical instruction, experiments will, from time to time, be performed upon the lower animals, in order to better acquaint the student with the physiological and toxic action of the various drugs.

MATHEMATICS.

Winter: daily, 10; Spring: daily, 9.

A course in General Astronomy, text-book of Charles Young. Uranography and observatory work. Adequate reference books, sufficient for all needs in the above courses, will be found in the College Library.

*This course is given in the Medical Department of the University.

SCHEME OF DAILY RECIATATION.

FRESHMAN.	FIRST TERM.	SECOND TERM.	THIRD TERM.
8 A. M.	Gymnasium, 4; Bible, 1.	Gymnasium, 4; Bible, 1.	Gymnasium, 4; Bible, 1.
9 A. M.	Medieval History.	Modern History.	French.
10 A. M.	Geometry.	English, 4; Elocu., 1.	Algebra, Trigonometry.
11 A. M.	Greek, German.	Greek, German.	Greek, German.
2 P. M.	Latin.	Latin.	Latin.
SOPHOMORE.			
8 A. M.	Latin, Mathematics.	Latin, Mathematics.	Chemistry, Biology.
9 A. M.	Greek, German.	Greek, German.	Chemistry, Biology.
10 A. M.	French.	French.	French.
11 A. M.	English, 4; Elocu., 1.	English, 4; Elocu., 1.	Sociology, Philosophy.
2 P. M.	Gymnasium, 4; Bible, 1.	Gymnasium, 4; Bible, 1.	Gymnasium, 4; Bible, 1.
JUNIOR.			
8 A. M.	Chemistry, Biology.	Greek, German, Eng.	Greek, German, Philos.
9 A. M.	Chem., Biol., Philos.	Latin, Philosophy.	Latin, Sociology.
10 A. M.	French.	French.	French.
11 A. M.	Sociology, Philosophy.	Sociology, Mathematics.	English, Physics.
2 P. M.		Chemistry, Biology.	
SENIOR.			
8 A. M.	Greek, German.	Grk., Germ., Chem., Biol.	Greek, German, English.
9 A. M.	Latin, English.	Lat., Soc., Chem., Biol.	Latin, Astronomy.
10 A. M.	Sociology, Philosophy.	Philosophy, Astronomy.	Sociology, Philosophy.
11 A. M.	French.	French.	History.
2 P. M.	Chemistry, Biology.		Chemistry, Biology.

BUTLER PREPARATORY SCHOOL.

INSTRUCTORS.

OMAR WILSON, A. B.,
Principal.

LIDA ENDRESS GILBERT.

EVELYN MITCHELL BUTLER, A. B.

MARIETTA KIES, PH. D.

ORGANIZATION.

The Preparatory School was formally separated from the College proper in the fall of 1890. This division of the work was made possible by the erection of a new building, Library Hall, and by the employment of additional instructors.

PURPOSE.

As the name suggests, it is the purpose of this school to prepare students for college. Students who expect to enter college will save time by attending a preparatory school. This is verified every year in the case of those who come from schools where the studies are not arranged with reference to college work.

ADMISSION.

In order to enter the First Preparatory, applicants are required to pass examinations in Arithmetic, Physiology, U. S. History and English Grammar. Applicants for admission to the Second Preparatory must pass examination on the work of the First Preparatory, and applicants for admission to the Third Preparatory on that of the Second Preparatory. See pp. 96-99.

Exceptions to the above are made in the case of students from other colleges and from the Indianapolis schools. Those who have completed the 8 A grade of the Indianapolis common schools may enter First Preparatory upon presenting certificates from their teachers. Those coming from the Indianapolis High School or from other colleges will be credited with whatever work of the Preparatory they have completed, but will be conditioned on all not completed. These will bring certificates from the principal of the high school or the president of the college.

CLASSIFICATION.

Although a student may have the larger part of his work in the Third Preparatory, yet if his deficiency exceed one year's work in one study he will be classed Second Preparatory. A student similarly deficient in the Second Preparatory will be classed First Preparatory.

ENTRANCE EXAMINATIONS.

Candidates for First Preparatory.

Thursday, Sept. 30.

Arithmetic.....	8-10 A. M.
English Grammar.....	10-12 “

Friday, Sept. 31.

U. S. History.....	8-10 A. M.
Physiology.....	10-12 “

SECOND PREPARATORY.

Thursday, Sept. 30.

Latin (one year's work).....	8-10 A. M.
General History.....	10-12 “
English (Reed and Kellogg's <i>Higher Lessons</i> or an equivalent).	

Friday, Sept. 31..... 2-4 P. M.

Civil Government.....	8-10 A. M.
American Literature. See p. 97.....	10-12 “

THIRD PREPARATORY.

Thursday, Sept. 30.

Latin (Second Preparatory work or an equivalent).....	8-10 A. M.
German (one year's work).....	10-12 “
Greek “ “ “	10-12 “

Friday, Sept. 31.

English (Second Preparatory work). See p. 99.....	8-10 A. M.
Algebra (To Quadratic Equations)	10-12 “

It is important that these examinations be taken at the times appointed. Those who fail to attend on the days announced will be admitted to classes only on condition that they take the examinations as early as convenient for the instructors. An extra charge of \$1.00 to each student is made for every irregular examination.

CLASSES.

In the first year all students have the same studies. In the second and third years the students choose between Greek and German. With this exception, studies in the Preparatory are not elective.

PHYSICAL CULTURE.

Physical culture twice a week in the gymnasium is required of all Preparatory students. See pp. 96-99.

LIBRARY AND READING ROOM.

Preparatory students have the same privileges of the library and reading room as students in the College.

CONTEST IN DECLAMATION.

A contest in declamation is held during commencement week. The first prize is ten dollars and the second, five dollars.

None but Preparatory students who show interest and ability in elocution may enter this contest. Those who wish to compete are required to make known this intention to Miss Gilbert, and to hand her their selections not later than the second week of the third term. Miss Gilbert gives special instruction to all contestants who wish help. This contest has proved a great benefit to those who take part, and of much interest to all. In 1897 first honor was awarded to John Reed Carr, Wanamaker; second, to Samuel Dyson, Indianapolis; third, to Elizabeth Anne Butler, Irvington.

CLASSES.

FIRST YEAR.

I. ENGLISH: (1) Analysis and Syntax; Reed & Kellogg's *Higher Lessons in English*. *Two hours a week.*

(2) American literature: Selections are studied from Irving, Bryant, Longfellow, Hawthorne, Whittier and Holmes. The work is so planned that the student may understand the development of literature in America and may appreciate the influence under which each of the chief authors wrote and also the influence which he exerted on his time. As a guide in this work Brander Matthews' *Introduction to American Literature* will be used. This course seeks not only to make the student acquainted with some of the best American authors, but also to quicken his appreciation of what is really good, and to secure correctness in writing. In connection with this work the class writes short compositions. *Three hours a week.*

II. LATIN: Collar & Daniell's *First Latin Book* is used during the first and second terms. In the third term the class reads *Viri Romæ*. Paradigms are committed as rapidly as possible and exercises in inflection are continued through the entire year. A part of every recitation consists in turning English into Latin. *Five hours a week.*

III. HISTORY: Myers' *General History*. *Four hours a week.*

IV. CIVIL GOVERNMENT: Fiske. *Two hours a week.*

V. PHYSICAL CULTURE: (1) Boys: Carefully arranged exercises throughout the year, selected from the following: Swedish movements, low horizontal bar, wand drill, floor work, gymnastic games, buck, parallel bars, walking, running, fancy marching.

Practical talks throughout the year on physiological subjects. Elementary floor work includes all jumps with turns and scissor-movements. Intermediate floor work includes rolls, dives and combinations of similar character. *Two hours a week.*

(2) Girls: Military and fancy marching, free gymnastics, wands and dumb-bells. Exercises from the Emerson and the Swedish systems are also used. *Two hours a week.*

SECOND YEAR.

I. ENGLISH: (1) Rhetoric: Scott and Denny's *Composition and Rhetoric*. *One hour a week.*

(2) Literature: In the first term, Lowell and other American authors. This completes the course of four terms in American literature. The three succeeding terms are given to English literature. In the second term the class studies some of Scott's poems and one of his novels, and in the third term, one of Shakespeare's plays. Composition throughout the year. *Two hours a week.*

(3) Elocution: The work consists of exercises in respiration, voice culture and orthoëpy. Prose and poetical selections are analyzed for the purpose of bringing out the thought in the most expressive manner. Each student is required to give a declamation each term, and to receive criticism. Shoemaker's *Practical Elocution* is used as text-book. *One hour a week.*

II. LATIN: In the first and second terms the class reads four books of Cæsar, and in the third term Cicero's four orations against Catiline. There is daily exercise in prose composition, either oral or written. Text-book, Bennett's *Latin Composition*. *Four hours a week.*

III. GREEK: White's *First Greek Book*.

"In order to be able to read even simple Attic prose at sight one must know the usual forms of the Greek language, its ordinary constructions and its general vocabulary. These three things are absolutely necessary."

Recitations are both oral and written. Students have daily practice in translating Greek into English and also in turning English sentences into Greek. *Four hours a week.*

Or

GERMAN: Joynes-Meissner's *Grammar*. Either Joynes' or Whitney's Reader is taken up as soon as the class is far enough ad-

vanced to begin reading. In this year it is intended to ground the student well in the principles of German Grammar, to teach him to acquire a vocabulary and to construct sentences easily and naturally. *Four hours a week.*

IV. MATHEMATICS: Wentworth's *Complete Algebra* is taken up in the first term and continued through the year. Class completes the work as far as *Quadratic Equations*, page 196. *Four hours a week.*

V. PHYSICAL CULTURE (Boys): Work in the gymnasium throughout the year, as follows: Swedish movements (advanced), dumb-bell drill (elementary and intermediate), parallel bars, horse, floor work, basket ball, indoor athletics, heavy wand drill, high horizontal bar (elementary).

Each day's exercises to begin with a short, sharp run of from three to five minutes. Heavy wand drill includes bayonet practice. *Two hours a week.*

(Girls): Exercises much the same as that of the first year. *Two hours a week.*

THIRD YEAR.

I. ENGLISH: (1) Rhetoric. Scott and Denny. Versification. Parsons. *First and second terms. One hour a week.*

(2) English Literature: In the first term the class studies the *Idylls of the King* and other poems. These are made the basis of the composition work. *First and second terms. One hour a week.*

(3) Mythology: In the third term of the year the class studies Greek, Roman and Norse Mythology, using as text-book Gayley's *Classic Myths in English Literature*. Class is required to learn the story of the Iliad, the Odyssey, and the Æneid. References are made to the works on mythology in the College library. It is the purpose to awaken the student's interest in mythology, and to give him an intelligent conception of its main ideas. *Two hours a week.*

(4) Elocution: Continuation of the work of the second year in respiration, voice culture and orthoëpy. The elements of vocal

expression and action are taken up with the further analysis of selections. Each student is required to give one declamation a term. *One hour a week.*

- II. LATIN: Two longer orations of Cicero are read the first term and five books of Virgil the second and third terms.

In composition the class uses Allen's *Introduction to Latin Composition*. *Four hours a week.*

- III. GREEK: Two books of Xenophon's *Anabasis* are read in the first and second terms and Xenophon's *Symposium* in the third term. Composition every day. Goodwin's *Grammar*, latest edition. *Four hours a week.*

Or

GERMAN: (a) The class reads such easy prose as that of Riehl, Hauff and Heyse. The learning of the vocabularies is especially emphasized. Training in word analysis is begun and attention directed to the affixes and their functions. *Reading two hours a week.*

(2) Composition—Harris. In addition to this there are exercises in composition based upon the texts read. *Two hours a week.*

- IV. MATHEMATICS: (1) Wentworth's *Complete Algebra* as far as Binomial Theorem, p. 316. First term. *Two hours a week.*

(2) Wentworth's *Plane Geometry*. Second and third term. *Two hours a week.*

- V. SCIENCE: (1) Physics: Gage's *Elements* during the first half-year. *Three hours a week.*

(2) Botany: Text-book, Spaulding's *Introduction to Botany*. Each member of the class is required to analyze and mount forty specimens of plants native to this vicinity. Second half-year. *Three hours a week.*

- VI. PHYSICAL CULTURE (Boys): Gymnasium work throughout the year as follows: Dumb-bell drill (advanced), low horizontal bar (advanced), wrestling (elementary), Indian clubs (intermediate), high horizontal bar (elementary), posture and relaxation drills, floor work, basket ball, long horse, ladders (elementary and intermediate).

Practical talks each day. *Two hours a week.*

(Girls): Course of first and second years continued. *Two hours a week.*

CATALOGUE OF STUDENTS.

DEGREES CONFERRED—COMMENCEMENT, 1896.

Bachelor of Arts.

RETTA VALERIA BARNHILL,	FRANKLIN DRAKE HOBSON,
JOHN SCOT BUTLER,	PEARL JEFFRIES,
ARTHUR BLISS CARPENTER,	EARL THAYER LUDLOW,
EDWARD WILLIAM CLARK,	KATHARINE MOORE,
ROBERT WOODWARD CLYMER,	WILLIAM ELMER PAYNE,
CHARLES WINGATE CULBERTSON,	WILLIAM EUGARDE PHILLIPS,
CHARLES TEST DALTON,	MARIETTA LAMB THOMPSON,
JOHN QUINCY DAVIS,	AGNES THORMYER,
MARY COBURN FLETCHER,	GEORGE GOULD WRIGHT,
HENRY FREDERICK FRIGGE,	CHARLES RICHARD YOKE.

Master of Arts.

CHARLES BURR TAYLOR, A. B.

Doctor of Philosophy.

MARY EDNA ARNOLD, A. M., WILLIAM FRANKLIN CLARKE, A. M.

HONORARY.

Doctor of Laws.

SCOT BUTLER, A. M.

Doctor of Philosophy.

HUGH CARSON GARVIN, A. M.

Master of Arts.

FRANK A. MORRISON, M. D.

PRIZES AWARDED.

Preparatory Contest in Declamation (1896).

1. JOHN RAYMOND CARR.
2. SAMUEL MYERS DYSON.
3. ELIZABETH ANNE BUTLER.

Representative in State Oratorical Contest (1897).

FRANK THURMAN BROWN.

GRADUATE STUDENTS.

BARNETT, JOHN WILBERT, A. M.....	Columbus, Ohio.
BRUER, GEORGE GREEN, A. M.....	Russiaville.
CLYMER, ROBERT WOODWARD, A. B.....	N. Indianapolis.
ELLIS, HORACE, A. B. (Indiana University).....	Lafayette.
ESTES, ROLAND, A. B. (Haverford College).....	Westfield.
HOBSON, FRANKLIN DRAKE, A. B.....	Indianapolis.
PAYNE, WILLIAM ELMER, A. B.....	Mt. Auburn.
RILEY, CHARLES ALBERT, A. M.....	Irvington.
SMITH, JAMES CHALLENGER, A. M.....	Alexandria.
STEVENS, CHARLES AUGUSTUS, A. M.....	Irvington.
UPDEGRAFF, BELLE HOPKINS, A. B.....	Canton, Mo.

SENIORS.

BENNETT, LAURA.....	Kokomo.
BLOUNT, WILLIS MARVIN.....	Irvington.
BRADY, CLARENCE ABRAM.....	N. Indianapolis.
BREVOORT, LULU BELLE.....	Columbus.
BROWN, FRANK THURMAN.....	Wanamaker.
BULL, ROBERT ALEXANDER.....	New Albany.
BURKHARDT, JAMES CALVIN.....	Tipton.
CHRISTIAN, JESSIE LANIER.....	Indianapolis.
CLARKE, ARMSTRONG BRANDON.....	Vincennes.
CLARKE, WALTER CLEMENTS.....	Shoals.
CURRYER, ETHEL ROUS.....	Indianapolis.
GING, VIRGIL BYRON.....	Irvington.

HARKER, SAMUEL ALLEN.....	Lena, Ill.
HOWE, CARRIE REBECCA.....	Irvington.
HULL, CHLOE FRANCES.....	Indianapolis.
JEFFRIES, MODDIE.....	Irvington.
KING, WALTER SCOTT.....	Richmond.
KNEPPER, GEORGE WASHINGTON.....	Somerset, Pa.
LISTER, JOHN THOMAS.....	Brookston.
MCGAUGHEY, SAMUEL.....	Acton.
MAXWELL, HOWARD HODGES.....	Martinsville.
OLIVE, FRANK CLIFT.....	Indianapolis.
ROBERTS, ALONZO SWAIN.....	Irvington.
SHIPP, THOMAS ROERTY.....	Irvington.
SHRADER, IRA BURNS.....	Jeffersonville.
STRADLING, EMMA.....	Indianapolis.
SWEENEY, NETTIE.....	Columbus.
THOMPSON, BONA.....	Irvington.
TIBBOTT, MABEL.....	Irvington.
WALLACE, EMMA EDNA.....	Indianapolis.
WILLIAMS, PERCY BARTON.....	Irvington.

SOPHOMORES.

BILLINGS, WILL PENCE.....	Irvington.
CAMPBELL, ELIZABETH.....	Irvington.
CAYLOR, IDA CATHERINE.....	Irvington.
CURRY, KATHARINE.....	Edwardsport.
GRAHAM, ERNEST BURGESS.....	Irvington.
KINGSBURY, SARA.....	Indianapolis.
MCGROARTY, CHARLES JOSEPH.....	Indianapolis.
MARSEE, MARY.....	Indianapolis.
MASON, BERTHA.....	Asheville, N. C.
MOORMAN, ELVET EUGENE.....	Paoli.
ROBERTS, ETHEL BOOR.....	Irvington.
STEVENS, JAMES HENRY.....	Havelock, Australia.
TOWLES, FRED.....	Irvington.
WARD, ALBERT LUTHER.....	Irvington.
WARD, SIELLA HAILE.....	Indianapolis.
WASHBURN, ANSON HARVEY.....	Petoskey, Mich.

WILLIAMS, ANNA HOLTON	Wabash.
WILSON, WILMER	Irvington.

FRESHMEN.

ADAMS, DANIEL SHIMER	Wanamaker.
ATHERTON, JOHN WHISTLER	Cumberland.
BECKES, LEROY DUNCAN	Vincennes.
BEERMAN, WILLIAM HENRY	Indianapolis.
BLOUNT, EFFIE PATTERSON	Irvington.
BROUSE, HELEN THORPE	Irvington.
BUTLER, ELIZABETH ANNE	Irvington.
BUTLER, WALTER GRESHAM	Indianapolis.
CARD, EFFIE MAY	West Newton.
CARR, JOHN RAYMOND	Wanamaker.
CLELAND, ETHEL	Indianapolis.
EDGEWORTH, ANNA	Irvington.
GILLESPIE, NELLY GRACE	Paris, Ill.
GRAHAM, MARY CHARLOTTE	Irvington.
GREEN, NELLIE VITURA	Indianapolis.
GRIGGS, NELLIE MAY	Irvington.
HARLAN, EDNA BROWNING	Trenton, Tenn.
HANK, MABEL	Indianapolis.
HELMING, EMILY	Indianapolis.
HESSONG, STELLA	Broad Ripple.
JOHNSON, EMSLEY WRIGHT	Eck.
KEAY, EDITH	Indianapolis.
KENLEY, ELLA LILLIAN	Camby.
KERN, PENELOPE VIRGINIA	Kokomo.
LOOP, CARL RAYMOND	New Ross.
LOOP, MARION	Mace.
MILLER, ELIZABETH JANE	Indianapolis.
MOORE, WILLIAM RICHARD	Wanamaker.
NULL, MARION MICHAEL	Blandensville, Ill.
O'CONNEL, JOANNA	Winamac.
PORTTEUS, ANSON LEROY	Marion.
SAYLOR, SUSIE	Southport.
SMITH, SOPHIA ADELAIDE	Fountaintown.
SMITH, SOPHIA GRAPEWINE	Kokomo.

THOMPSON, EDWIN ELBERT.....	Glenn's Valley.
WATTS, SHELLEY DIGGS	Winchester.
WITTORFF, JOHN.....	West Newton.

UNCLASSIFIED.*

BAGGERLY, DWIGHT WESLEY.....	Indianapolis.
BANNING, BESSIE MASON.....	Irvington.
BYRAM, JOHN QUINCEY.....	Irvington.
CAMPBELL, HARRY ROLAND.....	Indianapolis.
CARVER, JAMES EDWIN.....	Irvington.
COOPER, CHARLES BENNDORF.....	Indianapolis.
COSGROVE, PETER.....	Indianapolis.
COULTAS, ALDO BLISS.....	Indianapolis.
CULVER, JOHN MORTON.....	Indianapolis.
CUSTER, BYRON JUSTICE.....	Logansport.
DALRYMPLE, VIRGIL.....	Irvington.
DAVIS, MARY ELIZABETH.....	Indianapolis.
DEPUTY, MARY.....	Indianapolis.
DRAKE, FLORA.....	Indianapolis.
EDDY, MARY OLIVE.....	Hiawatha, Kan.
FOSTER, JEANNETTE.....	Indianapolis.
FRITSCH, ETTA.....	Indianapolis.
HEADY, EDITH.....	Broad Ripple.
HIGGINS, OTIS CENTENNIAL.....	Lebanon.
HENDRIX, DAISY.....	Indianapolis.
HOBBS, ROBERT WILSON.....	Indianapolis.
KINGSBURY, CHARLES GOODWIN.....	Irvington.
LITTLE, BERTHA MAY.....	Irvington.
MCCOLLUM, GERTRUDE.....	Indianapolis.
NOEL, BLANCHE.....	Indianapolis.
PEASE, MABELLE JUSTICE.....	Indianapolis.
PINK, JULIUS.....	Indianapolis.
POLK, RALPH RICHARD.....	Greenwood.
RIOCH, DAVID.....	Hamilton, Canda.
ROBERTS, EZRA CLAYTON.....	Kokomo.

*Owing to change in curriculum, the Junior class is small. For this reason it has been thought best to include it in the list headed *Unclassified*.

ROSENBERG, MAY.....	Indianapolis.
SMITH, SIBYL.....	Paris, Ill.
SNIDER, ALBERT GARFIELD.....	Indianapolis.
SNYDER, JESSIE HALLECK.....	Indianapolis.
SPRINGER, MAY.....	Indianapolis.
TROGDON, LOIS.....	Paris, Ill.
WALLACE, CLINTON.....	Indianapolis.
WALSH, AGNES.....	Haughville.
WARBURTON, DENSIE EDNA	Indianapolis.
WEAVER, JOHN SAWIN	Noblesville.
WEBB, JAMES.....	Kokomo.
WEBSTER, LA GRACIA.....	Indianapolis.
WILLIAMS, EDITH.....	Indianapolis.
ZINK, JAMES LILLY.....	Irvington.

THIRD PREPARATORY.

AMOS, MARTIN.....	Cumberland.
BOSART, OSCAR MURRAY.....	Indianapolis.
CULBERTSON, IDA MARIE.....	Broad Ripple.
CUNNINGHAM, JOHN MILTON.....	Fincastle.
CUNNINGHAM, MAY	Fincastle.
FAIRBANKS, FREDERICK COLE	Indianapolis.
HESSONG, STELLA.....	Broad Ripple.
LEWELLEN, WILLIAM HARRY	Indianapolis.
LUDLOW, OVID MYRON.....	Irvington.
McCONNELL, JOSEPH.....	Cumberland.
MACE, ALMON GALETON.....	Blocher.
McGAUGHEY, CARL WILLIAMSON	Irvington.
MARTIN, MARIE EVANGELINE.....	Irvington.
POWELL, EDWIN SYLVESTER.....	Irvington.
SWEENEY, JOSEPH IRWIN.....	Columbus.

SECOND PREPARATORY.

ATCHISON, PEARL	Clermont.
BALDWIN, JAMES LANER	Irvington.
BARROWS, OMAR PASHA	Bicknell.

BEVILLE, HENRY MONTREAL	Irvington.
BLANKENSHIP, NELLIE GRANT.	Paragon.
BRADEN, JAMES	Indianapolis.
BROWN, ERNEST THOMAS	Wanamaker.
BROWN, JOHN WILLIAM.....	Irvington.
BUTLER, OVID McOUAT	Irvington.
BYRAM, ANNA	Irvington.
CALE, DAVID HINES	Indianapolis.
CAMPBELL, NETTA	Irvington.
CASADAY, GRACE MARIE.....	South Bend.
DALRYMPLE, JESSIE MARIE.....	Indianapolis.
DYSON, SAMUEL MYERS	Indianapolis.
ELSTUN, JASON GARFIELD.	Irvington.
FRAZIER, ALVIN HOBBS	Irvington.
GOE, GRACE.....	Irvington.
JEFFRIES, PAUL.....	Irvington.
LESLEY, ROYDEN VALENTINE.....	Irvington.
MCGAUGHEY, CLARA MARY.....	Irvington.
MOORE, CHARLES.....	Irvington.
MOORE, WILLIAM NEWTON.....	Irvington.
RICHEY, VERA MEADE.....	Irvington.
RODNEY, HANNAH HOWELL.....	Irvington.
RODNEY, MARY PARVIN	Irvington.
SCHOEN, CORA.....	Irvington.
SCOTT, ROSS REID	Somerset, Pa.
SETTLE, MYRON CURTIS.....	Irvington.
SMITH, MINNIE MARGUERITE.....	Avon.
VAN SICKLE, PIERRE.....	Fenton.
WHEATCRAFT, BRADFORD	Greenwood.
WILHITE, JESSE GARFIELD.....	Irvington.

FIRST PREPARATORY.

BAKER, EUGENE.....	Irvington.
BILLINGS, FRANK.....	Irvington.
BLACK, OTTO PEARL.....	Carroll.
BREVOORT, EDNA MAI.....	Columbus.
COOK, GABRIEL.....	Bridgeport.
COVAL, FLOYD CARMAN.....	Indianapolis.

DAVIS, BENJAMIN FRANKLIN.....	North Salem.
EICKHOFF, LYDIA.....	Indianapolis.
GATES, ZONA.....	Irvington.
GING, SC.....	Irvington.
GREENE, EVERETTE.....	Gem.
GREER, GENEVRA.....	Irvington.
GRUBB, MABEL.....	Irvington.
GUNCKEL, EDNA.....	Irvington.
HADLEY, HARVEY.....	Indianapolis.
HANCH, GEORGIA ROSAMOND.....	Ben Davis.
HUNTER, CALVIN SCOT.....	Irvington.
IRWIN, WALTER SCOTT.....	Brightwood.
JENNEY, WALTER.....	Irvington.
KINGSBURY, HOWARD NATHAN.....	Irvington.
KINGSBURY, JOHN FLETCHER.....	Irvington.
KUHN, EMERY ELLSWORTH.....	Irvington.
KUHN, FLOYD WILLIAM.....	Hunters.
LANCE, JACKSON LYDA.....	Indianapolis.
LAWRENCE, JAMES HENRY.....	Indianapolis.
LITTLE, EVA.....	Irvington.
MCGAUGHEY, MAUD.....	Irvington.
MANLOVE, LAWRENCE GILBERT.....	Chicago.
MILLER, VERLINDA.....	Clermont.
MOORE, EDWIN ERNEST.....	Irvington.
MOSS, IRVIN.....	Burlington.
MYERS, GRACE MILLICENT.....	Irvington.
NEGLEY, ERNEST JOHN.....	Irvington.
OAKES, MARY MARGARET.....	Indianapolis.
POWELL, CHARLOTTE.....	Irvington.
ROBERTS, ERRETT BERT.....	Irvington.
ROSE, ETTA MAY.....	Indianapolis.
SHELLHOUSE, MARGARET.....	Irvington.
SMITH, MARY DELPHINA.....	Irvington.
SMOCK, JOHN DYE.....	Philadelphia.
SUMMERS, HERBERT EARL.....	Irvington.
THORMYER, ALBERT.....	Irvington.
THRASHER, RAYMOND.....	Irvington.
VANCE, MABEL.....	Irvington.

VANCE, MAY.....	Irvington.
WEEK, EDMUND	Alexandria.
WILHITE, EDITH MAY.....	Irvington.
WILSON, WALTER JAY	Indianapolis.

SUMMARY.

Graduate students.....	11
Seniors	31
Sophomores.....	18
Freshmen.....	37
Unclassified	44
Preparatory.....	96
Total.....	<hr/> 237

BUTLER ALUMNI ASSOCIATION.

President, HUGH TH. MILLER, '88, Irvington.

Vice-President, ROBERT L. DORSEY, '84, Indianapolis.

Secretary, EMMA CLAIRE JOHNSON, '95, Irvington.

Treasurer, EARL THAYER LUDLOW, '96, Irvington.

If any friend finds errors in the entry of name, occupation or address of any alumnus as given below he will confer a favor by reporting the correct information to the President or Secretary of the Association.

CLASS OF 1856.

PHILIP BURNS, A. B., Minister (Died Oct. 16, 1857). Port Sarnia, Can.

NANCY E. BURNS, M. S. (Mrs. A. M. Atkinson)... Wabash.

JOHN KIMMONS, A. M., Minister..... Missouri.

CLASS OF 1857.

T. C. ELLIOTT, B. S..... Iowa.

W. G. HASTINGS, B. S..... Missouri.

CLASS OF 1858.

CYRUS NERVA BLOUNT, A. M. (M. D., Jefferson
Medical College), (Died Dec. 28, 1887), Physi-
cian Kokomo.

ORA KNOWLTON, B. S., Farmer..... New Brunswick.

W. S. MAJOR, A. M., Journalist..... Chicago.

JESSE WALDEN, A. M., Minister..... Lancaster, Ky.

CLASS OF 1859.

OVID D. BUTLER, A. M., Lawyer, The Blacherne. Indianapolis.

ELI V. BLOUNT, A. B., Lawyer (Died Oct. 29, 1859). Tipton.

BARZILLAI M. BLOUNT, A. M., MinisterIrvington.
 I. N. BINFORD, B. S., Lawyer (Died March 10, 1890). Indianapolis.
 AARON D. GOODWIN, A. M., Teacher (Died 1892). Salina, Kansas.
 PERRY HALL, A. M., Minister (Died in service as
 Chaplain, October 27, 1862).....Indianapolis.
 JACOB T. LOCKHART, A. M. (Deceased)Spokane, Wash.
 ESTEL R. MOFFET, B. S., Lawyer (Deceased).....Rushville.
 A. M. MOTHERSHEAD, B. S.
 LEVI HANSON, A. M., Teacher.....Missouri.

CLASS OF 1860.

JOHN P. AVERY, B. S., M. D., 449 N. East St....Indianapolis.
 GEORGE CARTER, B. S., Lawyer, 72 W. Second St. Indianapolis.
 JOHN A. CAMPBELL, A. M., M. D.Steamboat Springs, Colo.
 FRIEND C. GOODWIN, A. B., Teacher (Died April
 16, 1861).....Indianapolis.
 ANDREW M. GOODBAR, B. S., Lawyer (Deceased). Greencastle.
 ROSS GUFFIN, A. M. (LL. B., Harvard, '61), Law-
 yer.....Kansas City, Mo.
 THOMAS R. LAWHEAD, B. S. Lawyer
 WILLIAM W. LEATHERS, A. M., Lawyer (Died in
 1875)Indianapolis.
 WILLIAM NIMON PICKERILL, A. M., Lawyer, 474
 Ash St.Indianapolis.
 ISAAC N. PORCH, A. M., Minister (Died in 1885).. Bloomington.
 IRVIN ROBBINS, A. M., Manufacturer, 12 W.
 North St.Indianapolis.
 JOHN M. SNODDY, A. M., M. D., Physician (Died
 September 20, 1890)Mooresville.
 LYDIA E. SHORT, M. S. (Mrs. James Braden)....Irvington.
 ABRAM D. WILLIAMS, A. M., M. D., Oculist and
 Aurist, 1407 Olive St.St. Louis, Mo.

CLASS OF 1861.

W. W. DAUGHERTY, B. S., Captain (Retired)
 U. S. A.Los Angeles, Cal.
 CHARLES F. LOCKWOOD, A. M., Merchant, 211-13
 Wabash Ave.Chicago.

P. J. SQUIER, A. B. (Killed at Shiloh, April 6, 1862). Hall's Corners.
 GEO. W. SPAHR, B. S., Lawyer, 470 Ash St Indianapolis.

CLASS OF 1862.

WILLIAM H. BREVOORT, A. M., Farmer Vincennes.
 MICHAEL R. BUTTZ, A. M., Lawyer (Deceased) ... Liberty, Ill.
 JAMES A. BRUCE, B. S., Florist and Capitalist
 (Died December 13, 1893) Indianapolis.
 AUSTIN F. DENNY, A. M. (LL. B., Harvard, 1868),
 847 N. Delaware St. Indianapolis.
 ADDISON C. HARRIS, B. S., LL. B., 744 N. Me-
 ridian St. Indianapolis.
 ALVIN I. HOBBS, A. M., LL. D., Professor Theol-
 ogy Drake University (Died May, 1894) Des Moines, Iowa.
 JOHN T. JACKSON, A. M., Lawyer (Died 1866) Indianapolis.
 DEMIA BUTLER, A. M. (Mrs. Townley), (Died Oct.
 26, 1867) Indianapolis.
 C. ELIZA BROWN, M. S. (Mrs. W. H. Wiley) Terre Haute.

CLASS OF 1863.

H. C. GUFFIN, A. M Indianapolis.

CLASS OF 1864.

WICKLIFFE A. COTTON, A. M., Lawyer De Witt, Iowa.
 ALEXANDER C. EASTER, A. M., Farmer Burlingame, Kan.
 JOHN B. EASTER, A. M., Minister (Died Dec. 12,
 1885) Kansas.
 DAVID M. HILLIS, A. M., Lawyer, 3341 Prairie Ave. Chicago, Ill.
 WILLIAM H. WILEY, A. M., Sup't Schools Terre Haute.

CLASS OF 1865.

EDWARD L. BREVOORT, A. M., Farmer (Died
 March 12, 1882) Walesborough.
 JOHN S. DUNCAN, B. S. (LL. B., Harvard, 1867),
 Lawyer, 672 N. Alabama St. Indianapolis.
 JAMES H. MCCOLLOUGH, A. M., Minister Irvington, Cal.

CLASS OF 1866.

- JACOB B. BLOUNT, A. M., MinisterMays.
 HENRY H. BLACK, A. M., Real Estate Agent..Oklahoma City, O. T.
 HOWARD CALE, A. M., Lawyer, 526 Broadway....Indianapolis.
 ALFRED FAIRHURST, A. M., Professor Natural
 Sciences, Kentucky University, 351 North
 BroadwayLexington, Ky.
 KATHARINE E. COFFIN, M. S. (Mrs. Hiram Had-
 ley) Albuquerque, N. M.
 ALICE E. SECREST, M. S. (Mrs. G. W. Snyder) 575
 N. Penn. St.....Indianapolis.

CLASS OF 1867.

- ALBERT T. BECK, A. M., Lawyer (Died April 23,
 1894)Indianapolis.
 FRANK C. CASSEL, B. S., Cashier of Bank.....Rossville.
 JOHN DENTON, A. M., Lawyer.....Salem, Ore.
 JOHN H. LEWIS, B. S., Editor.....Anderson.
 BENJ. C. WRIGHT, B. S., Lawyer, 279 N. Delaware
 St.....Indianapolis.
 SAMUEL WINFIELD, B. S., Merchant.....Chanute, Kan.
 DAVID UTTER, B. S., Minister.....
 INDIANA CRAGO, M. S. (Mrs. A. C. Harris), 744 N.
 Meridian St.....Indianapolis.

CLASS OF 1868.

- ALEX. C. AYRES, A. M., Lawyer, 31 Woodruff
 Place.....Indianapolis.
 SCOT BUTLER, A. M., LL. D., President Butler
 College.....Irvington.
 BARBARA P. BLOUNT, M. S. (Mrs. F. C. Cassel) ..Rossville.
 ALCINDA T. BLOUNT, M. S. (Mrs. J. A. Canady)..Anderson.
 SAMUEL H. DUNLOP, A. M., New York City.....New York.
 JOS. W. MARSEE, A. M., M. D., Physician, 356 N.
 New Jersey St.....Indianapolis.
 MARY M. MOORE, M. S. (Mrs. McConnell).....Oxford.
 HARRY C. RAY, A. M., Auditor Shelby Co., 66 N.
 Harrison St.....Shelbyville.

ANNA W. SCOVEL, M. S. (Mrs. Chauncey Butler),
 (Died Dec. 3, 1894).....Indianapolis.
 WALTER S. SMITH, M. S., Minister.....Arlington.
 EDWIN TAYLOR, A. M., General Counsel E. & T.
 H. R. R., E. & I. R. R., and L. E. & St. L. R. R. Evansville.
 GRANVILLE S. WRIGHT, B. S., Lawyer, Central
 Ave. and 23d St.....Indianapolis.

CLASS OF 1869.

CHAUNCEY BUTLER, A. B., Sec. Board of Directors,
 Butler College.....Irvington.
 THOMAS J. BYERS, A. M., Merchant.....Franklin.
 JOHN W. TUCKER, A. M., Lawyer.....Lynn, Mass.
 LORENZO TUCKER, A. B., Minister (Deceased).... Wabash.
 HENRY JAMESON, B. S. (M. D., Ind. Med. Coll.),
 Physician, 228 N. Delaware St.....Indianapolis.
 JOHN MOORE, B. S., Lawyer, 321 N. Penn. St.... Indianapolis.
 WINFIELD S. RAY, B. S., Editor (Died April 3,
 1897).....Shelbyville.
 WILLIAM P. STANLEY, B.S. (LL. B., Indiana Uni-
 versity), Farmer.....Arlington.

CLASS OF 1870.

ALONZO G. ALCOTT, A. M. (Died Nov. 7. 1880)....St. Paul, Minn.
 AUSTIN COUNCIL, A. B., Minister (Died March 11,
 1871).....Mankato, Minn.
 JOHN N. BOYS, B. S., Merchant (Deceased).....Steeles.
 JENNIE LAUGHLIN, A. B., Teacher and Missionary
 to Jamaica (Deceased).....Indianapolis.
 THOMAS WILSON LOCKHART, A. M., Lawyer.....Bakersfield, Cal.
 DANIEL BOONE WILLIAMS, A. M. (M. D., Miami
 Medical College, 1874), (Died Nov. 5, 1876)...Bedford.

CLASS OF 1871.

JAMES M. CULBERTSON, B. S., Farmer.....Malott Park.
 JOHN H. HAMILTON, B.S., Minister (Died in 1873).New Philadelphia.
 BENJAMIN F. KINNICK, A. M., Farmer.....Greenwood
 OSCAR F. LANE, A. M., Minister.....Bainbridge.

EDWIN T. LANE, A. M., Minister	Greencastle.
JAMES W. LOWBER, A. M. (Ph. D., Sc. D., LL. D.), 707 W. 7th St.....	Austin, Tex.
JAMES W. MONROE, A. M., Minister	Modesto, Cal.
ROBERT H. MYERS, A. M., Contractor, 100 Cornell Ave	Indianapolis.
JOHN A. ROBERTS, B. S., Minister	Irvington.
DANIEL L. THOMAS, A. M. (LL. B., Central Law School), Editor (Died Oct. 29, 1893).....	Rushville.
JOHN Q. THOMAS, A. M. (LL. B., Central Law School), Lawyer.....	Rushville.
J. LAFE THORNTON.....	Sedalia, Mo.
SAMUEL E. YOUNG, A. B., Lawyer.....	Cleveland, O.

CLASS OF 1872.

WALTER RALEIGH COUCH, A. B., Minister.....	Friendville, Ill.
WALTER S. CAMPBELL, B. S., Minister.....	Rushville.
NATHAN WARD FITZGERALD, A. B., Lawyer and Lecturer, 610 13th St., N. W.....	Washington, D. C.
GEORGE HENRY GIFFORD, A. B., Lawyer.....	Tipton.
WILLIAM IRELAN, A. B., Minister	Eureka Sp'gs, Ark.
CLEMENTINE IRELAN, A. B.....	Eureka Sp'gs, Ark.
WILLARD R. LOWE, A. M., Minister, 1516 North St.	Logansport.
LEANDER P. MITCHELL, B. S. (LL. B., Indiana University), Lawyer.....	New Castle.
WILLIAM H. TILLER, A. B., Minister.....	Sparta, Ky.
CURTIS H. REMY, A. B., Lawyer, 215 Dearborn St.	Chicago, Ill.

CLASS OF 1873.

WALTER B. FERTIG, A. B., Lawyer	Noblesville.
JAMES I. HOPKINS, A. B., Minister.....	Benchley, Tex.
LOUIS NEWBERGER, A. B., Lawyer, 428 Capitol Ave. N.....	Indianapolis.
ALLEN B. THRASHER, A. M. (M. D., Medical Col- lege Ohio), Physician, 157 W. 9th St.....	Cincinnati, O.
WALTER S. TINGLEY, A. M. (M. D., Medical Col- lege Indiana), Physician, 10 W. 5th St.....	Newport, Ky.

CLASS OF 1874.

JEFFREY O. CUTTS, A. B., Minister.....Riverside, Cal.
 THOMAS SMITH GRAVES, A. B., Live Stock Broker,
 317 N. New Jersey St.....Indianapolis.
 EMMETT S. STILLWELL, A. B., Lawyer (Died May
 23, 1883).....Shelbyville.

CLASS OF 1875.

SAMUEL J. TOMLINSON, A. B., MinisterIrvington.
 HENRY C. OWENS, B. S
 WILLIAM T. SELLERS, B. S. (Agt. Christian Pub.
 Co., St. Louis), Virginia Ave.....Indianapolis.

CLASS OF 1876.

ROBERT SILAS BLOUNT, A. M., Minister (Died Oct.
 28, 1883).....Irvington.
 CHARLES H. CATON, A. B., Minister, Englewood. Chicago, Ill.
 NANNIE T. CUNNINGHAM, B. S. (Died Sept., 1876). Indianapolis.
 MELLIE B. INGELS, A. B. (Mrs. John Julian).... Chicago, Ill.
 ALONZO MARION LYSTER, A. B., Teacher (Died
 Sept. 26, 1876).....Thorntown.
 WINFIELD SCOTT MOFFETT, A. B., Lawyer.....Irvington.
 JOHN REA WOODWARD, A. M. (LL. B., Univ. of
 Virginia, 1878), Lawyer (Died June 15, 1879)...New Castle.

CLASS OF 1877.

JOHN T. BURTON, M. S., Real Estate, Loan and
 Insurance Agent.....Emporia, Kan.
 WILLARD W. HUBBARD, B. S., Broker, 16 Thé
 BlacherneIndianapolis.
 HICKLIN J. LANDERS, B. S., Lumber Merchant,
 379 North Penn. StIndianapolis.
 WILLIAM T. MASON, A. B., Lumber Merchant....Asheville, N. C.
 LAFAYETTE H. REYNOLDS, A. M. (LL. B., Central
 Law School, 1880), Lawyer (Died Oct., 1891)..Greenfield.
 LEWIS WALLACE, A. B., Lawyer, 400 N. Ill. St....Indianapolis.

CLASS OF 1878.

ERNEST R. COPELAND, B. S., Physician.....	Milwaukee, Wis.
KATHERINE M. GRAYDON, A. M., Teacher, High School	Berkeley, Cal.
OLIVER ROMEO JOHNSON, Ph. B., Journalist, Co- lumbia Club.....	Indianapolis.
ALBERT BAYARD KIRKPATRICK, B. S. (LL. B., Cen- tral Law School, 1880), Lawyer (Mayor).....	Kokomo.
BIZANNA O'CONNOR, A. B	Richmond, Va.
CHARLES E. THORNTON, A. B., Pres. Indiana So- ciety for Savings, 236 Broadway.....	Indianapolis.

CLASS OF 1879.

ALBERT F. ARMSTRONG, A. M., Teacher, North- western Christian College.....	Excelsior, Minn.
ALEMBERT W. BRAYTON, M. S., M. D., Physician, 615 Broadway.....	Indianapolis.
DEMARCHUS C. BROWN, A. M., Greek Chair, But- ler College.....	Irvington.
JOSEPH A. BROWN, A. B., Lawyer.	Pontiac, Ill.
MILES L. CLIFFORD, A. B., LL. B., Lawyer.....	Tacoma, Wash.
VINCENT G. CLIFFORD, Ph. B., LL. B., Lawyer, 174 Bellefontaine.	Indianapolis.
CHARLES H. GILBERT, M. S., Ph. D., Professor Leland Stanford, Jr., University.....	Palo Alto, Cal.
CLARINDA C. HARRIMAN, A. B. (Mrs. L. A. Pier).	Willows, Cal.
M. BELLE HOPKINS, A. B. (Mrs. P. O. Updegraffe), Teacher.	Canton, Mo.
JOSEPH B. KEALING, Ph. B., Lawyer, 714 N. Ala- bama St.	Indianapolis.
EUGENE G. KREIDER, A. B., LL. B., Lawyer, Clerk Supreme Court	Olympia, Wash.
EDMUND G. LAUGHLIN, A. B., Pastor Miles Ave. Church.....	Cleveland, Ohio.
ALBERT B. LEWIS, A. M. (M. D., Indiana Medical College), Physician.....	Hamilton, Kan.
WILLIAM J. LHAMON, A. M., Pastor Cecil Street Church	Toronto, Ontario.

NEAL S. MCCALLUM, A. M., Minister.....Irvington.
 JANET D. MOORES, A. B., 964 N. Penn. St.....Indianapolis.
 JOSEPHUS PEASELEY, A. B., Supt. Public Schools..Iowa Falls, Iowa.
 HORACE F. SMITH, A. M. (LL. B., Harvard), Law-
 yer, 578 N. Penn. St.....Indianapolis.
 JAMES A. YOUNG, A. M., Manager New York Life
 Insurance Co. (Died Nov. 9, 1896).....Toledo, Ohio.

CLASS OF 1880.

WILLIAM ALEXANDER BLACK, Ph. B., Attorney
 and Broker.....Wellington, Kan.
 CLARENCE BOYLE, B. S., Lumber Merchant.....Chicago, Ill.
 HILTON ULTIMUS BROWN, A. M., City Editor In-
 dianapolis *News*.....Irvington.
 MARY IDA BUNKER, A. B., Principal of High
 School.....Mechanicsburg, O.
 JAMES B. CURTIS, A. M., City Attorney, 616 N.
 Penn. St.....Indianapolis.
 WILLIAM F. ELLIOTT, A. B., Lawyer, 837 N. Me-
 ridian St.....Indianapolis.
 FLORA FRAZIER, Ph. B. (Mrs. P. M. Dill), 872 N.
 Penn. St.....Indianapolis.
 THOMAS W. GRAFTON, A. M., Minister.....Rock Island, Ill.
 LETITIA B. LAUGHLIN, B. S., M. D., Physician, 54
 High St.....Warren, O.
 EMMA C. SWAIN, Ph. B. (Mrs. Dwyer).....Indianapolis.
 MINNIE TRESSLAR, Ph. M., Teacher in High
 School, 1023 West Fourth St.....Marion.
 WALTER O. WILLIAMS, Ph. B. (with E. C. Atkins
 & Co.), 110 Talbott Ave.....Indianapolis.

CLASS OF 1881.

LEVI P. AYRES, B. S., Farmer, Michigan Ave....Indianapolis.
 MARY E. COUSE, B. S. (Mrs. O. P. Gould), (Died
 1892)Winona, Minn.
 EDWARD W. DARST, A. B., Minister, 5622 Jeffer-
 son Ave.....Chicago, Ill.

WALTER M. FLOYD, A. B., (LL. B., Central Law School, 1882), Lawyer (Died August 26, 1882)...	St. Paul.
W. HENRY GROVE, Ph. B., Lawyer.....	Glasgow, Ky.
LORA C. HOSS, A. B., Merchant.....	Kokomo.
COLIN E. KING, A. B., Lawyer.....	New York City.
SOLOMON METZLER, A. M., Teacher and Minister..	Wauseon, O.
LOUIS MORGAN, A. M., Dairyman, Sherman Drive.	Indianapolis.
MINNIE OLCOTT, A. B. (Mrs. M. Raymond Williams).....	Irvington.
LIZZIE G. SMITH, Ph. B. (Mrs. Isaac Harlan), 68 Michigan Ave	Indianapolis.
SILAS A. WURTZ, A. B., Minister.....	—————

CLASS OF 1882.

CLAUDE HARRISON EVEREST, A. B., Farmer.....	Hutchinson, Kan.
TADE HARTSUFF, Ph. B. (Mrs. J. B. Kuhns)....	Greensburg, Pa.
BURGESS L. McELROY, A. B., General Insurance Agent.....	Mt. Vernon, O.
LEWIS A. PIER, A. M., Minister.....	Willows, Cal.
MAY LOUISE SHIPP, Ph. B., 540 N. Delaware St..	Indianapolis.
MARCELLUS J. THOMPSON, A. M. (University of Michigan), Professor of Physics, University of Missouri (Died Dec. 17, 1890).....	Columbia, Mo.

CLASS OF 1883.

ROBERT L. DORSEY, A. B., Tucker & Dorsey, Manufacturers, 233 Central Ave.....	Indianapolis.
JEAN H. EVEREST, A. M., Lawyer	Oklahoma City, O. T.
REVILLO P. HALDEMAN, Ph. B., Loan Agent.....	Springfield, Mo.
MARGARET A. HUSTED, Ph. M., 157 Walcott St...	Indianapolis.
THOMAS M. IDEN, Ph. M., Chair of Chemistry and Physics, Butler College	Irvington.
CAREY E. MORGAN, A. M., Minister, 2000 Portland Ave.....	Minneapolis, Minn.
MARTIN A. MORRISON, A. B. (LL. B., University of Virginia, 1886), Lawyer	Frankfort.

MILTON O. NARAMORE, A. M., LL. B., Lawyer,
 Secretary The Kent Law School, 902 Woman's
 Temple.....Chicago, Ill.
 CORA M. SMITH, A. M., TeacherIrvington.

CLASS OF 1884.

LEWIS CLARK BREEDEN, A. B., Editor.....Sumnum, Ill.
 SHERMAN TOWN BURGESS, A. B., Real Estate Agt.Scott, Kan.
 ALBERT MUNSON CHAMBERLAIN, A. M., Minister.Painesville, O.
 LOT DICKSON GUFFIN, A. B., Lawyer.....Rushville.
 FRANCES ELLEN HUSTED, A. B. (Mrs. W. H. Barr),
 157 Walcott St.....Indianapolis.
 GRACE GIDDINGS JULIAN, Ph. M. (Mrs. C. B.
 Clarke).....Irvington.
 WM. WALLACE KNAPP, Ph. B., Abstracter of
 TitlesIrvington.
 JOHN BUGHER KUHN, A. B., Merchant.....Dunlo, Pa.
 MARY LUCINDA LAUGHLIN, Ph. B., Professor of
 MusicMarion, Ala.
 MATTIE McCLURE, A. B., Trained Nurse.....New York City.
 JOHN McKEE, A. B., Minister.....West Liberty, Iowa.
 ELLA MAY DAILEY (Mrs. C. E. Morgan), Ph. B.,
 2000 Portland Ave.....Minneapolis, Minn.
 ELMER ISAAC PHILLIPS, B. S., Lawyer.....New Castle, Pa.
 ROBERT SELLERS, A. B., Minister.....South Bend.
 JAMES HENRY O. SMITH, A. B., Minister, 908
 Adams StChicago, Ill.
 WILLIAM CLEMENT SMITH, B. S., Real Estate and
 Rental Agent.....Indianapolis.
 JOHN FRANCIS STONE, B. S., LawyerGuthrie, Okla.
 MATTIE WADE, Ph. M. (Mrs. W. B. Parks)....Thorp's Springs, Tex.

CLASS OF 1885.

RICHARD F. BIGGER, Ph. B., M. D., 301 N. Del.St..Indianapolis.
 ARTHUR V. BROWN, Ph. B., Attorney for Marion
 County, 299 N. Meridian St.....Indianapolis.
 EDMUND H. HINSHAW, A. B., Lawyer.....Fairbury, Neb.

- JOHN ARTHUR KAUTZ, A. M., Editor Gazette-Tribune Kokomo.
 CHARLES A. MARSTELLER, Ph. B., Broker.....Lafayette.
 LOURETTA E. MORGAN, Ph. B. (Mrs. Robert Sellers).South Bend.
 ELECTA MURRY, Ph. B. (Mrs. O. M. Pruitt), 546
 Ash St.....Indianapolis.
 DORA A. PENDLETON, Ph. M. (Mrs. C. C. Riley),
 777 N. New Jersey St..... Indianapolis.
 FANNIE M. PHILLIPS, B. S. (Mrs. J. F. Stone)....Guthrie, Okla.
 ORAN M. PRUITT, A. M. (Sec. Indiana Lumber
 and Veneer Co.), 546 Ash St.....Indianapolis.

CLASS OF 1886.

- IDA MAY FINDLEY, A. B.....Irvington.
 JOHN PAUL FINDLEY, A. B.....Irvington.
 ROBERT ALEXANDER GILCREST, A. M., Professor
 Sacred Lit. and Philos., Hiram College.....Eureka, Ill.
 JULIET HOLLAND, Ph. B.....Washington, D. C.
 THOMAS UNDERWOOD RAYMOND, A. B., M. D....
 Vancouver Barracks, Wash.
 MYRTELLA SEWALL, Ph. B. (Mrs. N. B. Whitsel)..Hudson, Ind.
 CORINNE T. THRASHER, Ph. B. (Mrs. O. O. Car-
 vin).....Irvington.

CLASS OF 1887.

- DORA GRACE BLOUNT, Ph. B., Teacher.....Irvington.
 LAWSON A. COBLE, A. B., Minister.....Oakland City.
 ERASTUS S. CONNER, A. B., Minister.....Noblesville.
 BENJAMIN F. DAILY, A. M., Ph. D. (D. B., Yale
 University), MinisterIrvington.
 EMMETT W. GANS, Ph. B. (with Aultman, Taylor
 & Co.).....Mansfield, Ohio.
 JANE GRAYDON, A. B., Teacher, 288 Central Ave..Indianapolis.
 F. ROLLIN KAUTZ, A. M. (with Bowen-Merrill
 Co.).....Indianapolis.
 JAMES S. MCCALLUM, A. B., Minister.....Olympia, Wash.
 GERTRUDE A. MAHORNEY, Ph. M., Teacher.....Indianapolis.
 MARTHA O. MURRY, Ph. B. (Mrs. E. W. Hoover),
 (Died June 30, 1896).....Indianapolis.

JOHN A. RELLER, A. B., Minister.....	Sidney, Ohio.
ARTHUR W. SHOEMAKER, Ph. B., Minister.....	Daleville.
SALLIE B. THRASHER, B. S. (Mrs. A. J. Brown)...	Grand Rapids, Mich.
HENRY M. TONER, B. S., M. D., Physician.....	Shelbyville.
FRED M. WADE, B. S.....	Manchester, Iowa.
OMAR WILSON, A. B., Principal Butler Prepara- tory School.....	Irvington.
ELIAS P. WISE, A. B., Minister.....	Irvington.

CLASS OF 1888.

WILLIAM WILSON BUCHANAN, A. B. (with Bowen- Merrill Book Co.).....	Indianapolis.
GEORGE HARRIS CLARKE, B. S., Minister, 330 W. First St.....	Indianapolis.
JOHN DEEM FALL, B. S., Postal Clerk, L. S. & M. S. R. R.....	Cleveland, Ohio.
ELTON ANDREW GONGWER, A. B., Lawyer, 2588 Broadway	Cleveland, Ohio.
KATE BLANCHE HADLEY, Ph. B. (Mrs. W. W. Bu- chanan)	Indianapolis.
ARCHIBALD McCLELLAND HALL, A. M., Ph. D., Minister	New Haven, Conn.
OSCAR CLEMENS HELMING, Ph. B., Minister.....	Atchison, Kan.
WILLIAM CLARENCE McCULLOUGH, A. B. (A. M., Univ. Mich., '90), Supt. Public Schools.....	Sullivan.
FRANK HAMILTON MARSHALL, A. M., Minister...	Mankato, Minn.
HUGH THOMAS MILLER, A. B., Prof. of History and French, Butler College.....	Irvington.
LOUIS JACKSON MORGAN, Ph. B. (LL. B., Yale), Attorney at Law, 598 N. New Jersey St.....	Indianapolis.
JOHN CAMPBELL MORRISON, A. B., Real Estate and Loan Office.....	Frankfort.
WILLIAM MULLENDORE, A. B., Minister.....	Somerset, Pa.
JAMES BUCHANAN PEARCY, Ph. B., Principal High School.....	Anderson.
MARY PADDOCK, A. B., Printer and Publisher....	Indianapolis.

GEORGE WASHINGTON REDMON, JR., Ph. B., M. D.

(Died Nov. 30, 1894).....Champaign, Ill.

JAMES CHALLEN SMITH, A. M., Minister.....Alexandria.

CLASS OF 1889.

JENNIE E. ARMSTRONG, A. B. (Mrs. T. C. Howe)..Irvington.

PERRY H. CLIFFORD, Ph. B., (with Hide, Leather
and Belting Co.).....Indianapolis.

TROUSSEAU DAILEY, Ph. B. (Died Aug. 15, 1894)...Indianapolis.

H. EDWIN FRAZIER, B. S., Treasurer, Indiana

Car and Foundry Co.....Indianapolis.

WILLIAM H. GRAFFIS, Ph. B., Journalist.....Terre Haute.

THOMAS C. HOWE, A. M., Prof. Germanic Lan-

guages, Butler CollegeCambridge, Mass.

GENEVRA HILL, Ph. B. (Mrs. Kirkman).....Richmond.

WILLIAM G. IRWIN, B. S., Banker.....Columbus.

MARK A. LEMILLER, Ph. B.....Hutchinson, Kan.

URBAN C. MALLON, Ph. B., Merchant.....Francesville.

JOSEPH R. MORGAN, Ph. B. (M. L., Yale), Attorney

at Law, 598 N. New Jersey St.....Indianapolis.

JOHN J. MAHORNEY, Ph. B., Surveyor (Died 1892). Irvington.

WILLIAM F. ROSS, A. B., M. D., Physician.....Brooklyn.

FLORA SHANK, Ph. B., State Sec. Y. W. C. A....Irvington.

CLARA L. SHANK, A. M., Teacher.....Irvington.

CLASS OF 1890.

ROMAINE BRADEN, A. B.....Irvington.

BENJAMIN MARSHALL DAVIS, M. S., Acting Profes-
sor of Biology and Geology, Butler College....Irvington.

JOHN FRANK FINDLEY, A. B., Minister.....Sheldon, O.

CHARLES M. FILLMORE, A. B., Minister.....Peru.

OTIS WEBSTER GREEN, B. S. (with Indianapolis

Drug Co.), 568 Central Ave.....Indianapolis.

JULIA MOORES GRAYDON, A. B. (Mrs. Alexander

Jameson), 767 N. New Jersey St.....Indianapolis.

J. NEWTON JESSUP, A. B., Minister.....Vincennes.

INDIANA LOUISIANA MARTZ, A. B., Teacher.....Kokomo.

TACE CLARA BELLE MEEKER, A. B. (Mrs. Stearnes),

College Drive.....Chicago, Ill.

FRANK D. MUSE, A. B., Minister.....Orange.

HENRY THOMAS MANN, B. S., Farmer.....	Gilman, Ill.
JOHN D. NICHOLS, A. M. (M. D., Ind. Med. Col- lege), 54 College Ave.....	Indianapolis.
LAZ NOBLE, A. B., Merchant, 78 The Blacherne..	Indianapolis.
HENRY STEWART SCHELL, A. M., Principal Public Schools.....	Somerset, Pa.
ALEXANDER CAMPBELL SMITHER, A. B., Minister.	Los Angeles, Cal.
AUGUSTA L. STEVENSON, A. B., Teacher	Irvington.
VIDA C. TIBBOTT, A. M., Teacher.....	Irvington.
T. H. KUHN (A. B. Wabash), A. M., Ph. D., Min- ister.....	Kokomo.

CLASS OF 1891.

GEORGIA E. BUTLER, A. B. (Mrs. Perry H. Clif- ford)	Indianapolis.
MARY I. BROUSE, A. B., Teacher	Irvington.
ROBERT P. COLLINS, A. B.....	Berlin, Pa.
MARK COLLINS, A. B.....	Berlin, Pa.
EUGENE J. DAVIS, A. M. (M. D., Ind. Med. Col- lege), Physician, College Ave.....	Indianapolis.
CHARLES L. DEHAAS, A. B., Lawyer, Lemcke Bldg	Indianapolis.
WILLIAM P. HAY, M. S., Teacher Science, High School	Washington, D. C.
ROBERT HALL, A. M., Ph. D., Minister, 80 Wen- dell St	Cambridge, Mass.
EVA M. JEFFRIES, A. B., Teacher of Music.....	Irvington.
ELIZABETH D. LAYMAN, A. B. (Mrs. Henry Schell).	Somerset, Pa.
H. W. MCKANE, A. B., Student Bellevue Med. College.....	New York.
JESSE H. MAVITY, A. B., Minister	Kewanna.
PERRY T. MARTIN, A. B., Teacher.....	Crawfordsville.
EMERSON W. MATTHEWS, A. B., Minister	Syracuse, N. Y.
RAY D. MEEKER, B. S., Lawyer	Sullivan, Ill.
GRACE L. MURRY, A. B., Teacher	Riverside, Cal.
W. G. MCCOLLEY, A. B., Minister.....	Olney, Ill.
FRANCES M. PERRY, A. M., Teacher, 51 Broadway.	Indianapolis.
LUTHER E. SELLERS, A. B., Theological Student, University of Chicago.....	Chicago, Ill.

CLASS OF 1892.

BOWEN C. BOWELL, A. B. (M. D., College of Physicians and Surgeons, Chicago), Physician.....	Rolling Prairie.
JOHN M. BREVOORT, A. B., Farmer.....	Vincennes.
REED CARR, A. B., Teacher.....	Orleans.
WILLIAM F. CLARKE, A. M. Ph. D., Prin. High School.....	Martinsville.
R. FRANKLIN DAVIDSON, A. M., Lawyer, Lemcke Bldg.....	Indianapolis.
THOMAS AARON HALL, A. M., Minister.....	Connersville.
GERTRUDE JOHNSON, A. B. (Mrs. Otis Greene), 568 Central Ave.....	Indianapolis.
W. FRANK LACY, A. B., Lumber Merchant.....	Poplar Grove, Ark.
ALFRED LAUTER, A. B., Cabinet Maker, 322 Home Ave.....	Indianapolis.
LECTANIA MAY NEWCOMB, A. B., Teacher.....	Irvington.
SAMUEL H. SHANK, A. B., Law Student, Ind. Law College.....	Irvington.
WILLIAM SNODGRASS, A. B.....	Cyclone.
BERTHA THORMYER, A. B., Student in German...	Berlin.
AVERY A. WILLIAMS, A. B. (Died Jan. 17, 1894)...	Wabash.
DE MOTTE WILSON, A. B., Teacher.....	Irvington.

CLASS OF 1893.

STELLA BRADEN, A. B., Teacher.....	West Point, Miss.
JESSE LINCOLN BRADY, A. B., Minister.....	Fowler.
HARRY SEYMOUR BROWN, B. S., Lawyer, Baldwin Block.....	Indianapolis.
EVELYN MITCHELL BUTLER, A. B., Instructor, Butler Preparatory School.....	Irvington.
EDWARD HARRY CLIFFORD, A. B., Business.....	Irvington.
JULIA FISH, A. B.....	Indianapolis.
WILL DAVID HOWE, A. B., Graduate Student, Harvard College.....	Cambridge, Mass.
FRANK F. HUMMEL, B. S., Teacher.....	Kokomo.
LONA LOUISE IDEN, A. B. (Mrs. W. F. Lacy).....	Poplar Grove, Ark.
DANIEL WONDERLICH LAYMAN, B. S., Medical Student Coll. Phys. and Surg.....	New York City.
JOHN MINNICK, B. S., Teacher.....	Bluffton.

MARY EOLA THOMAS, A. B. Riverside, Cal.
 LUTHER ADDISON THOMPSON, B. S., Teacher Acton.
 BERTHA BELLE WARD, A. B., 378 N. New Jersey St. Indianapolis.
 FRANK FORD WILLIAMS, B. S., Auditor's Office . . . Wabash.

CLASS OF 1894.

CHARLES ELSWORTH BAKER, A. B., Journalist . . . Sedalia, Mo.
 JOHN WILBERT BARNETT, A. M., Minister, 228
 Deshler Ave. Columbus, Ohio.
 EDWIN WALLACE BRICKERT, A. B., Minister Washington.
 GEORGE GREEN BRUER, A. M., Minister Russiaville.
 ROSE ELLIOTT, A. B., Teacher, 374 Cornell Ave. . Indianapolis.
 MARY BEMIS GALVIN, A. B., City Sec. Y. W. C. A. . Schenectady, N. Y.
 CLARA MAE GOE, A. B. Irvington.
 GEORGE ELMER HICKS, A. M., Minister Macy.
 EMMA CLAIRE JOHNSON, A. B. Irvington.
 ISABELLE AURELIA MOORE, A. B. Wanamaker.
 ORA MAY MURRAY, A. B. Olathe, Kansas.
 CHARLES ALBERT RILEY, A. M., Minister Irvington.
 CHARLES AUGUSTUS STEVENS, A. B., Minister Irvington.
 ANNA CHARLOTTE STOVER, A. M., Teacher Anderson.
 EDITH DAISY SURBEY, A. B., Teacher, 335 E.
 South Street Indianapolis.
 MYRTLE VAN SICKLE, A. B. Fenton.

CLASS OF 1895.

MAY BRAYTON, A. B., 615 Broadway Indianapolis.
 NELSON DEWEY BRAYTON, A. B., Medical Student,
 615 Broadway Indianapolis.
 HARRIET NELL BREVOORT, A. B. Columbus.
 EDWARD AUGUSTUS BROWN, A. B., Medical Student. Indianapolis.
 EDGAR THOMAS FORSYTH, A. B., Teacher Connersville.
 GEORGIA NOBLE GALVIN, A. B. Irvington.
 EVA LOU GOODYKOONTZ, A. B. Indianapolis.
 DORA GREENE, A. B., Teacher Plainfield.
 LORA COLLINS HADLEY, A. B. Indianapolis.
 HARRY LEONARD HENDERSON, A. B., Minister . . . Irvington.
 GEORGE WILSON HOKE, A. B., Supt. of Schools. . Lagro.
 ARTHUR ALBERT JOHNSON, A. B., Student Massa-
 chusetts Institute of Technology Irvington.
 MARY LOUISA LEPPER, A. B., Teacher Mt. Carroll, Ill.

- LAURA MACE, A. B., Medical Student, Indiana
 Medical School, 249 N. Alabama St. Indianapolis.
 ROSE MACNEAL, A. B., Graduate Student Univer-
 sity of Chicago.....Romona.
 BERTHA NEGLEY, A. B.....Irvington.
 GRACE MAY REEVES, A. B. (Mrs. John Little
 Morris), The Plaza.....Chicago, Ill.
 LAURA EVELYN RUPP, A. B., Teacher, cor. Russell
 and Ohio Sts.....Indianapolis.
 CHARLES BURR TAYLOR, A. B., Medical Student,
 63 Beatty St.....Indianapolis.
 MARY EDNA ARNOLD (A. B., Univ. of Ill.), A. M.
 Ph. D.....Souders, Ill.

CLASS OF 1896.

- RETTA VALERIA BARNHILL, A. B.....Irvington.
 JOHN SCOT BUTLER, A. B...Santa Cruz de Yojoa, Spanish Honduras.
 ARTHUR BLISS, Carpenter, A. B.....Wabash.
 EDWARD WILLIAM CLARK., A. B.....Indianapolis.
 ROBERT WOODWARD CLYMER, A. B., Minister...Indianapolis.
 CHARLES WINGATE CULBERTSON, A. B., Student
 College of Physicians and Surgeons.....New York.
 CHARLES TEST DALTON, A. B., Student, Harvard
 College.....Indianapolis.
 JOHN QUINCY DAVIS, A. B., Medical Student...Indianapolis.
 MARY COBURN FLETCHER, A. B., Graduate Stu-
 dent Radcliffe College.....Indianapolis.
 HENRY FREDERICK FRIGGE, A. B., Minister.....Louisville, Ky.
 FRANKLIN DRAKE HOBSON, A. B.....Indianapolis.
 PEARL JEFFRIES, A. B., Teacher.....Winchester, Va.
 EARL THAYER LUDLOW, A. B., Student, Indiana
 Law School.....Indianapolis.
 KATHERINE MOORE, A. B.....Irvington.
 WILLIAM ELMER PAYNE, A. B., Minister.....Arkansas City, Kan.
 WILLIAM EUGARDE PHILLIPS, A. B., Minister...Boston, Mass.
 ETTA LAMB THOMPSON, A. B.....Muncie.
 AGNES THORMYER, A. B.....Irvington.
 GEORGE GOULD WRIGHT, A. B., Assistant Chem-
 ist, American Glucose Co.....Peoria, Ill.
 CHARLES RICHARD YOKE, A. B., Graduate Stu-
 dent, Harvard College.....Indianapolis.

HONORARY DEGREES CONFERRED.

*HON. OLIVER P. MORTON, LL. D., 1871.

*HON. CONRAD BAKER, LL. D., 1871.

*HON. JAMES A. GARFIELD, LL. D., 1871.

PROF. ALLEN R. BENTON, LL. D., 1871, Professor of Philosophy,
Butler College.

*HON. HORATIO C. NEWCOMB, LL. D., 1871.

HON. WM. M. FRANKLIN, LL. D., 1871.

*OVID BUTLER, LL. D., 1871.

HON. BYRON K. ELLIOTT, A. M., 1871, Dean, Indiana Law School,
Indianapolis, Ind.

A. C. SHORTRIDGE, A. M., 1871.

*HON. MILTON B. HOPKINS, A. M., 1871.

CATHARINE MERRILL, A. M., 1871, Teacher, Indianapolis, Ind.

CHARLES E. HOLLENBECK, A. M., 1871, Publisher, Indianapolis,
Ind.

PROF. ELI F. BROWN, B. S., 1876; M. S., 1880, Professor of An-
atomy and Physiology, American Medical College, Indianapolis.

*PROF. J. O. HOPKINS, A. M., 1876.

*JUDGE JOHN A. HOLMAN, A. M., 1877.

PRES. DAVID S. JORDAN, Ph. D., 1877, President, Leland Stanford,
Jr., University, Palo Alto, Cal.

*PRES. OTIS A. BURGESS, LL. D., 1877.

PROF. MELVILLE B. ANDERSON, A. M., 1878, Professor of English
Literature, Leland Stanford, Jr., University.

PROF. DELASKIE MILLER, Ph. D., 1879, Physician (Specialist), Chi-
cago, Ill.

MARION THRASHER, M. D., 1883, 1228 Market Street, San Fran-
cisco, Cal.

J. H. McCULLOUGH, A. M., 1883, Minister, Irvington, Cal.

*Deceased.

DR. RUFUS BLOUNT, A. M., 1883, Physician, Wabash, Ind.

DR. F. GRAYSTON, A. M., 1883, Physician, Huntington, Ind.

*ALVIN I. HOBBS, LL. D., 1885, Minister, Dean, Theological Fac.
Drake University, Des Moines, Iowa.

*ISAAC ERRETT, LL. D., 1886, Editor, *Christian Standard*, Cincinnati, O.

PRES. A. G. THOMAS, LL. D., 1886, President, Burritt College, Spencer, Tenn.

PRES. S. R. CRUMBAUGH, LL. D., 1886, President, South Kentucky College, Hopkinsville, Ky.

PRES. W. Y. TAYLOR, A. M., 1886, President, Lagarto College, Lagarto, Tex.

HARRIET NOBLE, A. M., 1886, Indianapolis, Ind.

W. T. MOORE, LL. D., 1887, Dean of the Bible College of Missouri and Editor of *The Christian Quarterly* and of *The Christian Commonwealth*, Columbia, Mo.

ISAAC A. HARVEY, Ph. D., 1887, Geologist, Penn.

MILTON J. MALLORY, A. M., 1887, Superintendent City Schools, Crown Point, Ind.

CHARLES LOUIS LOOS, LL. D., 1888, President, Kentucky University, Lexington, Ky.

HON. Z. T. SWEENEY, LL. D., 1889, Columbus, Ind.

LIEUT. THOMAS U. RAYMOND, A. M., 1890, Vancouver Barracks, Wash.

J. L. DICKENS, LL. D., 1891, President, Texas Female Seminary, Weatherford, Texas.

LEWIS A. PIER, A. M., 1891, Minister, Willows, Cal.

DORMAN S. KELLY, A. M., 1892, Department Natural History, State Normal School, Emporia, Kansas.

FRANK O. MORRISON, A. B., 1895, Physician, Indianapolis.

SCOT BUTLER, LL. D., 1896, President Butler College, Irvington.

HUGH C. GARVIN, Ph. D., 1896, Professor Biblical Theology, Butler College, Irvington.

*Deceased.

THE
ANNUAL CATALOGUE
OF
BUTLER COLLEGE

DEPARTMENT OF ARTS
UNIVERSITY OF INDIANAPOLIS

FOR THE FORTY-THIRD SESSION

1897-'98

WITH ANNOUNCEMENTS FOR 1898-'99

INDIANAPOLIS
CARLON & HOLLENBECK, PRINTERS AND BINDERS

1898

UNIVERSITY OF INDIANAPOLIS.

It having become evident that the interests of higher education may best be furthered by the consolidation under one general management of the leading educational institutions of Indianapolis, such consolidation has been effected and articles of association have been duly filed. The purposes of the corporation thus formed, and the manner of its organization, are indicated in its articles of association as follows :

“The name of the corporation shall be the UNIVERSITY OF INDIANAPOLIS.

“The objects for which it is formed are, to afford facilities for higher education in the arts, sciences and professions.

“The said University shall acquire, own, hold and control the necessary lands and buildings for the purposes of the University; shall confer degrees, grant diplomas, and exercise all lawful powers incident to such corporation.

“For the purpose of securing the ends for which the University is organized, there shall be a school of the liberal arts, a school of medicine, a school of law, a school of dentistry, and such other schools as shall further the cause of higher education.

“There shall be a board of trustees, consisting of fifteen persons, who shall serve without compensation; these shall be chosen for the first year by the persons whose names are hereto signed; after the first year, the senate of the University (as hereinafter provided for) shall select three members of such board, and in case of vacancy by death, resignation or otherwise, of any one of said three members, the senate shall fill the place so vacated. The president of the University and the mayor of Indianapolis shall each, *ex officio*, be a member of such board. The remaining ten members of the board of trustees shall, at the end of the first year, be selected by the board whose term is then about to expire, and thereafter all vacancies in the list of said ten members so chosen shall be filled by said board.

The board of trustees shall have charge, control and management of the property interests and financial affairs of the University, and these powers shall include, also, the power to determine the compensation of all officers, professors and employes of the University.

“There shall be a senate of the University consisting of one representative from each school, selected by the same, except that the school of liberal arts shall have two representatives in said senate, by it chosen; *provided*, however, that the total number composing said senate shall not exceed twelve. The members of the said senate shall serve without compensation. The senate shall have charge and control of the educational interests of the University. There shall be a president of the University, to be chosen by the joint vote of the board of trustees and the senate, and there may be such other officers of the University as may be deemed necessary or expedient by the board and senate thus acting. All officers so chosen shall hold office during the pleasure of the board and senate.

“Should any existing school heretofore organized, or any school hereafter organized for educational purposes, desire to become a school in this University, the same can do so, when permitted by law, upon the consent of the board of trustees, on the recommendation to such board by the senate upon terms to be agreed upon by and between such school or schools, and the board of trustees. And, in admitting such school or schools, the said board shall have the power to agree, among other things, that such school or schools may each have the management and control of its own separate property and special officers, and the right to select and discharge its professors, and determine their compensation, and the power of recommending for degrees and diplomas at the hands of the University, those whom the said school or schools may deem worthy of such degrees or diplomas; *provided*, however, that during the first year, the recommendation of the senate to the board of trustees for the admission of any school or schools shall be dispensed with. These articles may be amended by a two-thirds vote of the board of trustees and the senate acting together.”

In pursuance of the above. the following officers have been chosen:

UNIVERSITY OF INDIANAPOLIS.

President of the University.

Academical Senate.

SCOT BUTLER, President. WILLIAM C. BOBBS, Secretary.
HARRY S. HICKS. DEMARCHUS C. BROWN.
EDWARD F. HODGES.

Board of Trustees.

ALLEN M. FLETCHER, President. GEORGE E. HUNT, Secretary.
HERMAN LIEBER, Treasurer.
P. H. JAMESON. ELI LILLY. A. C. HARRIS.
THOMAS TAGGART. BENJAMIN HARRISON. EDWARD H. DEAN.
STERLING R. HOLT. M. J. OSGOOD. J. W. MARSEE.
SCOT BUTLER. HILTON U. BROWN. W. P. FISHBACK.

The following colleges have been admitted to this corporation and compose the

University of Indianapolis.

DEPARTMENT OF ARTS.....Butler College.
DEPARTMENT OF MEDICINE.....Medical College of Indiana.
DEPARTMENT OF LAW.....Indiana Law School.
DEPARTMENT OF DENTAL SURGERY.....Indiana Dental College.

Summary.

1897-98.

	No. in Faculty.	Students enrolled.
Department of Arts.....	21	196
Department of Medicine	19	198
Department of Law.....	13	118
Department of Dental Surgery	14	187
Total.....	67	699

Department of Medicine

The Medical College of Indiana

The twenty-eighth annual commencement exercises of this well-known institution took place on March 29, 1898, with a class of seventy-nine. The Faculty desires to call attention to the following points in connection with the school: The careful and thorough grading of the classes (this is not, as in many schools, merely in theory, but is complete and absolute); the classes never by any chance hear the same lecture repeated; the system of monthly examinations, the only method fair alike to teacher and student; a building specially erected for and owned by the college, containing ample room, and well stocked with teaching facilities; a dispensary in college building, well patronized; clinic rooms at hospitals, new and modern; women admitted on same terms as men; a four-year course rigidly administered, and finally a high grade of intelligence in its classes. The last graduating class contained men from nearly every literary and normal school in this state, and from many in neighboring states. Of the applicants at the opening of last term less than seven per cent. required a preliminary examination.

For all particulars, address the Dean, JOS. W. MARSEE, M. D., No. 206½ East New York Street, Indianapolis.

Department of Law**Indiana Law School.**

The Indiana Law School, the Law Department of the University, enters upon its fifth year with every prospect of increasing success and usefulness. As location for a law school, the city of Indianapolis has no superior in the country. Nowhere has the student better opportunities to watch the progress of all sorts of litigation in courts of all grades. All the courts of the state of Indiana, from the supreme court down to that of lowest jurisdiction, and also the United States circuit and district courts, are in almost continuous session here during the school year. The value to the student of the knowledge of court procedure to be thus secured can hardly be placed too high. He not only learns routine court work, but he learns, also, the manner of cross-examination of witnesses; he sees the practical application of the rules governing the admission of evidence, and the methods of its introduction; not only this, but the student is thus afforded opportunities to observe and study the trial methods and styles of argument of prominent lawyers from all parts of the country, as they are brought here by litigation in which they are interested.

Indianapolis presents the advantages of city life without the drawbacks of a city of the largest size. The cost of living here is low, although it is the seat of great professional and commercial activity. The litigation arising in the different courts is of the most varied character, and involves the most diverse business interests, and the student may thus acquaint himself with business methods as well as court procedure.

For catalogue and further information address the Dean, W. P. FISHBACK, Indianapolis, Ind.

Department of Dentistry

Indiana Dental College.

The Indiana Dental College will begin its twentieth annual session, October 11, 1898. The college is now occupying its own building, which was erected for dental educational purposes. The building is on the southwest corner of Ohio and Delaware streets; centrally located and easily accessible from all parts of the city.

During the session of 1897-1898 there were 187 students in attendance at the Indiana Dental College. Of these 52 were Seniors, 66 were Juniors and 69 were Freshmen. The growth of the college has been steady and sure, indicating its worth as an educational institute. Our students come from all parts of the United States.

The fame of our city as an educational center is rapidly spreading. Indianapolis is now closer to the center of population of the United States than any other city. Its railroad facilities, healthfulness, and other advantages combine to render it an ideal college town.

For catalogue and further information address INDIANA DENTAL COLLEGE, Indianapolis.

Department of the Liberal Arts**Butler College, Irvington.**

The purpose of this department of the University is to furnish the means of a general education in the arts and sciences. It is believed that such education not only contributes to liberal culture, but affords a preliminary training of immense practical value in professional or business life. For detailed catalogue see following pages.

BUTLER COLLEGE CALENDAR

1898-'99.

Summer School.

June 27..Monday.....Begins.
July 13..Wednesday....Quarterly Meeting Directors.
Aug. 6..Saturday.....Summer School ends.

Fall Term, 1898.

Oct. 3..Monday.....Entrance Examinations.
Oct. 3..Monday.....Enrollment and Registration of Students.
Oct. 4..Tuesday.....Instruction begins.
Oct. 12..Wednesday....Quarterly Meeting Directors.
Nov. 24..Thursday.....Thanksgiving Day.
Dec. 17..Saturday.....Graduating Theses announced.
Dec. 19..Monday.....Registration for Winter Term.
Dec. 22..Thursday.....Term Examinations.
Dec. 23..Friday.....Term Examinations.
Dec. 24..Saturday.....Fall Term ends.

Winter Term, 1899.

Jan. 3..Tuesday.....Enrollment and Registration of Students.
Jan. 4..Wednesday....Instruction begins.
Jan. 12..Wednesday....Quarterly Meeting Directors.
Feb. 7..Tuesday.....Founder's Day.
Feb. 22..Wednesday....Washington's Birthday.
Mar. 20..Monday.....Registration for Spring Term.
Mar. 23..Thursday.....Term Examinations.
Mar. 24..Friday.....Term Examinations.
Mar. 25..Saturday.....Winter Term ends.

Spring Term, 1899.

- Mar. 30..Thursday.....Enrollment and Registration of Students.
Mar. 31..Friday.....Instruction begins.
Apr. 12..Wednesday....Quarterly Meeting Directors.
May 25..Thursday.....Graduating Theses due.
June 16..Friday.....Closing Chapel Exercises.
June 18..Sunday.....Baccalaureate Address.
June 19..Monday.....Term Examinations.
June 20..Tuesday.....Term Examinations.
June 20..Tuesday.....President's Reception.
June 21..Wednesday....Entrance and Term Examinations.
June 21..Wednesday....Alumni Reunion.
June 22..Thursday.....Forty-fourth Annual Commencement.

Board of Directors, Butler College.

ADDISON F. ARMSTRONG	Kokomo.
ALONZO M. ATKINSON	Wabash.
ADELBERT W. BRAYTON, M. D.....	Indianapolis.
URBAN C. BREWER, A. M.....	Danville.
HILTON U. BROWN, A. M.....	Indianapolis.
HOWARD CALE, A. M.....	Indianapolis.
ADDISON C. HARRIS, LL. B.....	Indianapolis.
CHARLES E. HOLLENBECK, A. M.....	Indianapolis.
JOSEPH I. IRWIN	Columbus.
PATRICK H. JAMESON, M. D.....	Indianapolis.
OVID B. JAMESON	Indianapolis.
BURRIS A. JENKINS	Indianapolis.
F. ROLLIN KAUTZ, A. M.....	Indianapolis.
JOHN A. KAUTZ, A. M.....	Kokomo.
THOMAS H. KUHN, PH. D.....	Kokomo.
JOHN E. POUNDS	Irvington.
CHARLES E. THORNTON, A. M.....	Indianapolis.

Officers of the Board.

ADDISON F. ARMSTRONG.....	President.
CHAUNCEY BUTLER	Secretary.
ALLEN R. BENTON.....	Treasurer.

Standing Committees.

On Finance and Auditing.

P. H. JAMESON,	HOWARD CALE,	C. E. HOLLENBECK.
----------------	--------------	-------------------

On Grounds, Buildings and Real Estate.

A. M. ATKINSON,	C. E. THORNTON,	F. R. KAUTZ,	H. U. BROWN.
-----------------	-----------------	--------------	--------------

On Library, Apparatus and Cabinet.

F. R. KAUTZ,	U. C. BREWER,	A. C. HARRIS,	J. E. POUNDS.
--------------	---------------	---------------	---------------

On Instructors, Salaries and Condition of Schools.

H. U. BROWN,	A. W. BRAYTON,	B. A. JENKINS,	T. H. KUHN.
--------------	----------------	----------------	-------------

On Judiciary and Claims.

O. B. JAMESON,	J. I. IRWIN,	A. M. ATKINSON,	J. A. KAUTZ.
----------------	--------------	-----------------	--------------

On Boarding Hall.

C. E. THORNTON,	H. U. BROWN,	J. A. KAUTZ,	CHAUNCEY BUTLER.
-----------------	--------------	--------------	------------------

Board of Visitors.

HON. J. A. MOUNT, Governor of Indiana.....	Indianapolis.
HON. D. M. GEETING, Superintendent of Public Instruction.....	Indianapolis.
MISS NEBRASKA CROUSEY, Ass't Sup't Public Schools.....	Indianapolis.
MISS CATHERINE MERRILL.....	Indianapolis.
HON. W. P. FISHBACK, Master in Chancery U. S. Court.....	Indianapolis.
CHARLES R. WILLIAMS, Editor <i>The Indianapolis News</i>	Indianapolis.
JACOB P. DUNN, Editor <i>The Sentinel</i>	Indianapolis.
HARRY S. NEW, Editor <i>The Journal</i>	Indianapolis.
MRS. JOHN E. POUNDS	Irvington.
REV. M. L. HAINES, Pastor First Presbyterian Church	Indianapolis.
REV. W. D. STARR, Pastor First Christian Church.....	Muncie.
MRS. A. M. ATKINSON.....	Wabash.
REV. A. J. FRANK, Pastor Christian Church.....	Lebanon.
REV. J. A. LORD, Editor Christian Standard.....	Cincinnati, O.
REV. J. H. GARRISON, Editor <i>Christian Evangelist</i>	St. Louis, Mo.
REV. J. H. McNEILL, Pastor Christian Church	Rushville.
REV. Z. T. SWEENEY	Columbus.
PROF. CHARLES E. EMMERICH, Prin. Industrial Training School..	Indianapolis.
PROF. GEORGE W. HUFFORD, Principal High School.....	Indianapolis.

BUTLER COLLEGE.

Faculty.

SCOT BUTLER, President.

H. TH. MILLER, Secretary.

W. J. KARSLAKE, Registrar.

D. C. BROWN, Librarian.

ALLEN RICHARDSON BENTON, A. M., LL. D., Professor of Historical Theology.

A. B., Bethany College, 1848; A. M., *ibid.*, 1849; Professor Latin and Greek, Northwestern Christian University, 1855-'61; President Northwestern Christian University, 1861-'68; President Alliance College, 1869-'71; LL. D., Butler College, 1871; Chancellor University of Nebraska, 1871-'76; Professor of Philosophy, Butler College, 1876-'97; President Butler College, 1886-'91; Professor of Church History, 1897.

WILLIAM MERRITT THRASHER, A. M., Professor of Mathematics.

A. B., Bethany College, 1854; A. M., *ibid.*, 1857; Private Instruction in Higher Mathematics, under Watson of University of Michigan, Königsberger and Cantor of Heidelberg, Salmon and Todhunter of Dublin and Cambridge.

SCOT BUTLER, A. M., LL. D., Professor of Latin Language and Literature.

A. B., Northwestern Christian University, 1867; A. M., *ibid.*, 1870; Student Classical Philology, University of Halle, and University of Berlin, 1873-'75; LL. D., Butler College, 1896; Instructor in Latin and Mathematics, Indiana University, 1869-'72; Professor of Latin, Northwestern Christian University, 1871—; President Butler College, 1892—; President Academical Senate, University of Indianapolis, 1897—.

DEMARCHUS CLARITON BROWN, A. M., Professor of Greek Language and Literature.

A. B., Butler College, 1879; A. M., *ibid.*, 1880; Student Classical Philology, University of Tübingen and British Museum, 1882-'83; Student Archæology, American School of Classical Studies, Athens, Greece, 1892-'93; Student Greek Art, Berlin Museum, 1896; Professor of Greek Language and Literature, Butler College, 1884—.

HUGH THOMAS MILLER, A. M., Professor of Romance Languages.

A. B., Butler College, 1888; A. M., *ibid.*, 1895; Student History, La Sorbonne and Collège de France, Paris, 1892; *idem*, University of Berlin, 1893; Instructor in German and French, Butler College, 1889-'91; Professor of German and French, *ibid.*, 1891-'92; Professor of French and History, *ibid.*, 1893- —.

THOMAS CARR HOWE, A. M., Armstrong Professor of Germanic Languages.

Ph. B., Butler College, 1889; A. M., *ibid.*, 1892; Student University of Berlin, 1890-'92; Harvard University, 1896-'98; A. M., Harvard, 1897; Armstrong Professor Germanic Languages, Butler College, 1890- —. (Professor Howe will be absent during session of '98-'99, as student at Freiburg, Germany.)

HENRY LANE BRUNER, A. B., PH. D., Professor of Biology and Geology.

A. B., Abingdon College, 1889; Student Sheffield Scientific School, Yale College, 1880-'81; Assistant in Marine Investigations of U. S. Commission of Fish and Fisheries, 1881-'4; Student of Comparative Anatomy, University of Freiburg, Baden, 1895-'7; Ph. D., *ibid.*, 1896; Instructor, Abingdon College, 1881-'4; Professor Natural Sciences, Eureka College, 1884-'6; Professor Biology and Geology, Drake University, 1891-'2; *idem*, Butler College, 1892- —.

FLORA BRIDGES, M. A., Professor of English Literature.

B. A., Oberlin University, 1885; M. A., *ibid.*, 1887; Student University Zürich, 1889-90; Student University of Chicago, 1895-96; Professor of Greek, Mt. Holyoke College, 1887-91; Principal Women's Department Olivet College, 1892-'93; Professor English Literature, Butler College, 1895- —.

JACOB DORSEY FORREST, A. M., Professor of Sociology and Economics.

A. B., Hiram College, 1892; A. M., *ibid.*, 1892; Graduate Student in Political Science, Ohio State University, 1893-'94; Graduate Student in Sociology, Political Economy and Ethics, The University of Chicago, 1894-'95; Fellow in Sociology, *ibid.*, 1895-'97; Ph. D., *ibid.*, 1898; University Extension Lecturer in Sociology, *ibid.*, 1896- —; Professor of Sociology and Economics, Butler College, 1897- —.

EDWARD SCRIBNER AMES, PH. D., Professor of Philosophy and Pedagogy.

A. B., Drake University, 1889, and A. M. (in course), 1891; B. D., Yale University, 1892; Graduate Student in Philosophy, Yale University, 1892-4; Fellow in Philosophy, University of Chicago, 1894-'5; Ph. D., University of Chicago, 1895; Instructor, Disciples' Divinity House, University of Chicago, 1895-'97; Docent in Philosophy, University of Chicago, 1896-'7; Professor of Philosophy and Pedagogy, Butler College, 1897- —.

WILLIAM JAY KARSLAKE, M. S., PH. D., Professor of Chemistry.

B. S., Lafayette College, 1891; M. S., *ibid.*, 1894; Private Assistant to Dr. Wolcott Gibbs, 1891-'2; Assistant in Chemistry, Pennsylvania State College, 1892-'3; Graduate Student, Johns Hopkins University, 1893-4; Ph. D., *ibid.*, 1895; Instructor in Chemistry, University of Maryland, 1894-'5; Lecturer in Chemistry, Dalhousie University (Halifax, N. S.), 1895-'6; Chemist at Middletown, Conn., 1896-'7; Professor of Chemistry, Butler College, 1897-—.

MARIETTA KIES, PH. D., Professor of Rhetoric.

Graduate Mt. Holyoke College, 1881; Ph. D., University of Michigan, 1891; Student University Zürich, and Leipsic, 1892-'3; Instructor in Latin and Mathematics, Colorado College, 1883-'85; Instructor in Psychology and Ethics, Mt. Holyoke College, 1885-'91; Instructor in Psychology and Ethics, Mills College (Cal.), 1891-'92; Principal of High School, Plymouth (Mass.), Rhetoric and English Literature, 1893-'96. Compiler and annotator of "Introduction to the Study of Philosophy," writings of Dr. W. T. Harris (D. Appleton & Co., 1888). Author of "Institutional Ethics" (Allyn & Bacon, 1894.)

JABEZ HALL, A. M., Professor of Homiletics and Pastoral Theology.

A. B., Bethany College, 1865; A. M., Butler College, 1898; Pastor Christian Church, Wheeling, W. Va., '66-'72; Cleveland, O., '72-'89; Richmond, Va., '89-'97; Professor of Homiletics and Pastoral Theology, Butler Bible School, 1897-—.

BURRIS ATKINS JENKINS, A. M., B. D., Professor of New Testament Literature and Exegesis.

A. B., Bethany College, 1891; Graduate Student Yale University, 1892-'94; Graduate Student Harvard University, 1894-'95; B. D., *ibid.*, 1895; Williams Fellow, *ibid.*, 1895-'96; A. M., *ibid.*, 1896; Pastor Third Christian Church, Indianapolis, 1896-—; Professor New Testament Literature and Exegesis, Butler College, 1898-—.

WINFRED ERNEST GARRISON, B. D., PH. D., Professor of Church History.

Bethany College, 1890-'91; A. B., Eureka College, 1892; A. B., Yale University, 1894; Yale Theological Seminary, 1894-'95; Divinity School, University of Chicago, 1895-'97; Ph. D., *ibid.*, 1897; Instructor in Disciples' Divinity House, University of Chicago, 1898; Professor of Church History, Butler Bible College, 1898-—.

BERTHA THORMYER, A. B., Instructor in German.

A. B., Butler College, 1892; Student University of Berlin, 1896-'97; University of Heidelberg, 1897; Instructor in German, Niles (Mich.) High School, 1892-'96; Instructor in German, Butler College, 1897-—.

OMAR WILSON, A. M., Principal Preparatory Department and Instructor in Latin and Greek.

A. B., Butler College, 1887; A. M., *ibid.*, 1890; Professor of Latin and Greek, Oskaloosa College, 1888-'90; Principal of Preparatory Department Butler College, 1890- —.

JAMES LILLY ZINK, Director of Physical Culture for Men.

Graduate Vanderbilt University, School of Gymnastics, 1891; Physical Director, Indiana University, 1890-'93; Physical Director, Alton (Ill.) Y. M. C. A., 1893-'94; Director Athletics, De Pauw University, 1895; Director Physical Culture for Men, Butler College, 1895- —.

EVELYN MITCHELL BUTLER, A. B., Instructor in English and Latin.

A. B., Butler College, 1893; Student University of Chicago summer 1895 and summer 1896; Instructor Butler College, 1895- —.

MAE WOLDT, A. B., Assistant in Biological Laboratory.

KATHARINE MOORE, A. B., Assistant in Chemical Laboratory.

Superintendent College Residence.

MRS. GEO. W. BROWN.

ORGANIZATION.

Department of the University of Indianapolis.

Butler University, by act of its Directors and of the Trustees of the University of Indianapolis, has been united with the latter institution, in which henceforth it holds the place of a department, to be designated Butler College, Department of the Liberal Arts of the University of Indianapolis. This relation does not affect the autonomy of the College, whose ownership of property and control in all matters affecting internal management remain as heretofore with its own Board of Directors.

Historical Sketch.

In the general conventions of the Christian churches of Indiana the founding of an institution of higher education first began to be discussed in the year 1841. A few years later a definite resolution committing them to this work was adopted. After a full canvass of the State in 1849, in order to ascertain the views of those interested in the undertaking, it was decided to build such an institution at Indianapolis, under the name of the Northwestern Christian University. A charter both liberal and comprehensive, and fitted to promote the purposes of its projectors, was obtained from the Legislature. This charter went into effect January 15, 1850, and the University was formally opened November 1, 1855. The charter provides for a joint-stock corporation, the shares of whose stock are fixed at \$100 each; on which, when paid up, or when interest on the same is regularly paid, the stockholder receives 6 per cent. per annum, payable in tuition. An amount of subscriptions sufficient for a beginning was received within about eighteen months, and then the commissioners, under the charter, proceeded to erect a substantial building and to organize the various departments and courses of study. In 1873 it was determined to remove to Irvington,

and in 1875 instruction of the college classes was begun in the new location. This removal was prompted in part by financial considerations, for the real estate belonging to the University, having been included within the city limits, had greatly appreciated, and the corporation, by putting it on the market as city lots, was able to increase largely its financial resources. It was felt, too, that a quiet suburb, withdrawn somewhat from the distractions of the city, would afford a more desirable place of residence for students. Experience has demonstrated the correctness of this view and the wisdom of the removal.

The change in the name of the institution (Northwestern Christian University to Bultar University) was made February 28, 1877, after full deliberation by the Board of Directors. This change did not affect any chartered obligations of the corporation in respect to property or graduates, or its purposes, all of which have been determined by a legislative act and the recorded resolutions of the Board of Directors.

Directorship.

The general control of the affairs of the corporation is vested in a board of directors, consisting of twenty-one members. These directors are chosen by vote of the stockholders from their number, a meeting for the purpose being held every third year at the office of the secretary of the board, at 2 o'clock P. M., of Commencement Day. A stockholder is entitled to one vote for each share of stock owned by him, and can vote in person or by proxy. Any stockholder is eligible to membership on the board. The members of the board serve without pay. A newly elected board organizes by choosing a president, a secretary and a treasurer. The next election of directors will be held in the year 1900.

Present Financial Condition.

The financial resources of the institution have been made to suffice for all work so far undertaken. The property of the corporation is in a highly satisfactory shape, and its endowment is kept well invested, yielding an assured income. The affairs of the corporation are in the hands of a board of directors devoted to its interests, wise and con-

servative in all their views, and thorough and prudent in the administration of the trust committed to them. But the demands made upon an institution of learning at the present day are greater than ever before. The college is insufficiently endowed to meet these demands, and it is hoped that the same generous spirit which created and has hitherto sustained it will prompt provision for its continued development. The books of the corporation still remain open for subscriptions to stock.

Educational Purpose.

The paramount purpose of the founders was to build up an institution of the amplest range of culture and one which should embody also certain liberal, catholic, Christian ideas which had found no emphatic recognition in then existing educational institutions. It was an attempt to put into durable and forceful activity ideas vital to social and civil progress. The wisdom of these purposes has been fully vindicated by the march of events and by the progress of public sentiment with respect to most of the ideas to which the founders sought to give prominence.

Religious Influence.

The purpose of the founders, expressed in their act of incorporation, was "to establish an institution of learning for the education of the youth" and "to teach and inculcate the Christian faith and Christian morality as taught in the sacred Scriptures." Bible instruction is made a part of all under-graduate courses of study. Attendance at daily morning prayers in the college chapel and at services on Lord's day is expected. The institution has always been religious in spirit; by the terms of its charter it must always be so. The plan of education proposed in its founding was not limited to scientific and literary and æsthetic culture, but recognizing the spiritual needs of man's nature, it included the religious element.

Higher Education of Women.

From the first opening of the College women have been admitted on the same terms as men. No special courses of study are provided for them; they pursue the same lines of work and are instructed in the same classes, except in physical training, with the young men.

But co-education is not intended to be conducted with the idea that men and women are essentially alike. While it is assumed that the same mental training is good for both, and that both may receive important benefit from association in class-room work, it is held that in matters of general welfare and deportment and in the way of special direction and advice, young women should be placed in charge of one of their own sex. It is regarded as in every way desirable that while in college they should be brought directly under the influence, and be subject to the direction, of a woman of high character, attainments and social position, who should associate with them, give suggestions and counsel, and act towards them at all times as friend and adviser. Provision has therefore been made, in the organization of the faculty, that the young women in attendance shall have the benefit of such supervision.

Facilities for Self-Support by Students.

The College desires in every way to encourage students of limited means, but it does not invite the attendance of those who are entirely without means of support. It can not undertake to furnish employment to students. Nevertheless, many young men studying for the ministry here support themselves either wholly or in part by preaching in neighboring towns. All parts of the State are within easy reach of Irvington, so that Sunday services at a distance need not interfere with the regular duties of the student. This employment, however, must be secured mainly through the student's own exertions. The College can not stand pledged to secure it for any; every such student must depend on his own ability, industry and perseverance.

Pecuniary Assistance to Students.

Frequent letters come from young persons desirous of obtaining an education, inquiring as to what assistance can be afforded students who are without the necessary means of support. To such, unfortunately, our answers can not be encouraging. The College has the merest beginning of a students' aid fund, and yet the good that might be accomplished by the judicious expenditure of even a comparatively limited amount of money, in affording assistance to deserving young men and women, is not to be estimated. In behalf

of those young men and women whom a little assistance will enable to take positions of commanding influence in the church and in society, the attention of philanthropic people is called to the good that in this way their means can be made to accomplish. The directors will gladly receive and faithfully administer any endowment that may be placed in their hands for this purpose.

Christian Associations.

The Young Men's Christian Association and the Young Women's Christian Association are voluntary organizations of students and instructors for the promotion of religious culture and for Christian work in college. Their members are sincere and energetic, and always extend to new students a very cordial welcome. The two associations hold a joint prayer-meeting every Sunday evening, thus greatly assisting in maintaining Christian zeal among the students. A committee from each of these associations is in attendance during the first week of the fall term for the purpose of assisting those entering college, with information in regard to rooms, etc., and in general to afford any assistance in their power, which students who are strangers in Irvington may feel inclined to seek from them. The Y. M. C. A. and the Y. W. C. A. unite in a social given at the beginning of each term, to which all students are invited. This affords opportunity for old students to welcome new, and for all to cultivate more intimate acquaintance. All students who are church members are eligible to active membership in these associations. Students not identified with any church may become associate members.

Butler Collegian.

At the close of each college session the editorial staff of *The Collegian* for the following year is chosen by the faculty from among the classes as follows: From the Freshman class, two members; from the Sophomore, three; and from the Junior, four. From the body thus chosen the faculty selects an editor-in-chief and a business manager and may recommend other appointments. For the past year the editorial staff of *The Collegian* has been as follows:

ANSON H. WASHBURN, Editor-in-Chief.

EZRA C. ROBERTS, Assistant Editor.

CARL R. LOOP, Business Manager.

ASSOCIATE EDITORS.

ELIZABETH CAMPBELL.	EMILY HELMING.
ETHEL CLELAND.	SARA KINGSBURY.
ROBERT W. HOBBS.	MAY GRIGGS.
EDITH KEAY.	DAVID RIOCH.

The following named persons have been chosen by the faculty to compose the editorial staff of *The Collegian* for the session of '98-'99:

ROBERT W. HOBBS, Editor-in-Chief.
 ETHEL CLELAND, Assistant Editor.
 CARL LOOP, Business Manager.

ASSOCIATE EDITORS.

MAY GRIGGS.	CHARLES H. BASS.
SARA KINGSBURY.	ELIZABETH CAMPBELL.
EMILY HELMING.	ERNEST B. GRAHAM.
EDITH KEAY.	JOSEPH I. SWEENEY.

CARL W. McGAUGHEY.

The Collegian is furnished to all students of the college on application without charge. Students and graduates are cordially invited to contribute illustrations, articles, verses, letters and information.

Inter-Collegiate Debate.

During the winter term of each year a debate takes place between representatives of Indiana University and of the University of Indianapolis. The primary debate for the choice of the representatives of the University of Indianapolis is held towards the close of the fall term. Students are encouraged to make thorough preparation for this debate and receive all possible assistance from members of the faculty. The questions chosen are of a political or economic nature, and are of general interest. The debate in 1897-8 was held at Bloomington, and in 1898-9 will be held at Indianapolis. The representatives of this institution were R. W. Hobbs and C. R. Loop, of the College of Arts, and M. L. Daggy, of the Law School.

Oratorical Association.

Seven colleges, of which this institution is one, compose the Indiana State Oratorical Association. The local association is composed of members of the college classes. The object of this association is to advance oratory by encouraging students to write and deliver orations. Preliminary contests are held annually to decide upon a representative for the State contests. Contestants are judged on thought, composition and delivery. Three judges are selected by the faculty on thought and composition, while the association elects three other outside judges on delivery. The contestant receiving the highest average awarded by the judges represents the College at the State contest. If the contestant be successful there he represents the State of Indiana in the Inter-State contest, composed of ten western States. The work done in this department has proved very beneficial to those who take part, and has greatly advanced interest in oratory in the College.

The representative of the College in the State contest this year (1898) was Ezra Clayton Roberts. The present officers of the association are as follows: Will. Cox, president; May Griggs, vice-president; Anna Byram, corresponding secretary; Leroy Portteus, recording secretary; Emsley Johnson, treasurer.

Literary Society.

The Benton Literary Society has been organized by the students during the past year. The society is named in honor of Dr. Benton, the senior professor of the faculty, and is intended to afford means of cultivation that do not come within the range of the regular college classes. Any student feeling an interest in the work, and realizing the importance of it, is cordially invited to connect himself with the society.

Following is the list of officers for the current year: Will Van Voorhis, president; Grace Gookin, vice-president; Blanche Noel, corresponding secretary; May Griggs, recording secretary; Robert Hobbs, first critic; Nellie Kern, second critic; Elmsley Johnson, treasurer.

The Athletic Association.

The former college organization for the purpose of athletic exercise has been merged into a University Athletic Association, the constitution of which provides for a board of control consisting of a representative from each department, together with an alumnus, of the University. This board has absolute authority in all matters relating to athletics. Its members are elected annually by the members of the association in the several departments.

Any professor, alumnus, or student of the University may become a member of the association by subscribing to the constitution and paying the membership fee of twenty-five cents per year. Each department of athletics is governed by a manager elected by the board. An annual field day is held each spring, the events including all kinds of field and track athletics. The rules of the Inter-Collegiate Foot-Ball Association, National Base-Ball Association, Amateur Athletic Association, and American Lawn-Tennis Association govern the contests. Members of teams and contestants in athletic games must be members of the association.

Gymnasium Practice.

Regular exercise in gymnastics is provided as a means of health, and is supervised by a competent instructor. This exercise is required of students of the lower classes, but is optional with Juniors and Seniors.

Literary and Musical Advantages.

The location of the College in the immediate vicinity of Indianapolis makes it possible for students to hear the best lecturers and singers, various organizations in the city offering every winter valuable courses of entertainments. Because these advantages are thus offered and are so far superior to anything that a college could secure, the faculty does not find it necessary to make unusual provision for such entertainments.

The College does not provide instruction in music, aiming to engage fully the attention of the student in other directions. In case, however, such instruction is desired, competent masters can be recommended. Schools of music of the first rank are conducted in

the city, and students of the College can avail themselves conveniently of the advantages of these.

Graduate Students.

For purposes of advanced study the College extends its privileges to its own graduates and to graduates from other colleges of like standing, and it confers an advanced degree under conditions described elsewhere. Graduate students, not candidates for a degree, also, are received.

Memorial Gifts.

The Board of Directors would encourage gifts in the form of endowments of various chairs of instruction. The sum of \$20,000 to \$30,000 subscribed in stock will secure to the subscriber the privilege of conferring a name on the chair so endowed and of nominating an incumbent, subject to the approval of the board. Smaller amounts can be devoted to equally useful purposes. Subscriptions of \$1,000 to \$5,000 can be devoted to the founding of scholarships for the benefit of deserving young people who stand in need of assistance, and of prizes for the reward and encouragement of the ambitious. These scholarships would be awarded worthy students on competitive examinations and the recipients expected to assume some work as assistant instructors, thus rendering the faculty valuable and much needed help.

LOCATION AND BUILDINGS.

Location.

The College is located at Irvington, a pleasant and healthful residence suburb of Indianapolis, with which it is connected by two railroads, the Pittsburgh, Cincinnati and St. Louis, and the Cincinnati, Hamilton and Indianapolis, and also by electric street cars, making quick trips every twelve minutes. It is thus easily accessible from all parts of the country. It can be reached from any part of the State within a few hours. Irvington is regarded as the most attractive place for suburban residence in the vicinity of Indianapolis. Its population consists chiefly of those who have been drawn thither by educational inducements. This gives it a special character of cultivation and good order, while as a home for students it is singularly free from the temptations and dangers often surrounding college life. There are no drinking saloons in the town or in its vicinity. However, the College does not offer itself as a reformatory institution, and it will not suffer the attendance of the wayward or idle. Its facilities are offered to those only who earnestly desire mental improvement.

Main College Building.

The main College building is of brick, trimmed with stone, having a frontage of 135 feet and a depth of 75 feet, containing in all twenty-four recitation rooms, besides halls, corridors, cloak and retiring rooms. It is heated throughout by steam, supplied with water and lighted by electricity, and in its internal finish and arrangements thoroughly suited to the purposes for which it was designed. For convenience, commodiousness and comfort it is all that could be desired.

Library Hall.

This building is three stories high, constructed of brick and trimmed with stone. It has a frontage of 100 feet and a depth of 55 feet. It contains six commodious recitation rooms, the museum hall, two music rooms and the library and reading rooms. The

architecture is modern and exceedingly attractive, and all its appointments are well adapted to the uses for which the building was designed. The classes of the Preparatory department are now taught in this building, by experienced educators, and under the present efficient organization, superior advantages are offered to students preparing for college.

Astronomical Observatory.

An observatory building has been erected on the high ground in the northeast corner of the Campus. In its construction are embodied whatever conveniences are necessary for the efficient use of the equatorial telescope. The building is octagonal, resting on a deep foundation, sided externally with sheet iron, and having a revolving dome, with sliding panel, giving unobstructed sky-view from horizon to zenith. The instrument rests on a pedestal, which stands on a column of brick and stone, which is protected from the effects of external temperature changes by a detached inclosing cylinder of the same material. The telescope is equatorially mounted by Fauth & Co., of Washington, with the usual adjuncts of declination and hour circles, and clock-work for diurnal rotation. The object glass of six inches diameter was made by the firm of Alvin Clark & Sons, of Boston, and, with the half dozen eye pieces, gives a perfection of work which does no discredit to the manufacturers. The focal distance of object glass is eight feet, and the magnifying power of the instrument ranges from seventy to five hundred diameters. The performance of the telescope, so far as tried here, has been very satisfactory. A large number of tolerably difficult double stars and nebulae have been tried with the highest power and with good success. With the planets and satellites the lower powers, as usual, give the best results, including excellent definition.

College Residence.

This is a tastefully and substantially constructed brick building, three stories high, containing large parlors, spacious dining room, wide halls, and thirty well-ventilated rooms. It is provided throughout with steam heat and electric lights. Young people here find a comfortable home, with pleasant surroundings, at a moderate price. Everything necessary is furnished except towels. Price of board and room ranges from \$2.80 to \$3.00 per week, according to location of

room. Young men lodging elsewhere may take their meals at the hall. Table board will be furnished at \$2.50 per week. For further information, address the superintendent.

Libraries.

The College library contains about six thousand volumes, chosen for the most part with special reference to the needs of students. Each department is furnished with important books pertaining to its work, and each year additions are made of the latest and best works in Science, Literature and Art. The cyclopedias, maps, lexicons, and the manuals of special sciences, are numerous and of the latest results in research. These afford students ample means of reference in their class studies and are sufficient for special or graduate courses of study. The reading-room connected with the library is spacious and well-lighted. It receives regularly the best publications, weeklies, monthlies and quarterlies, of this country and Europe. The advantages of the library and reading-room are open alike to all classes of students in the college.

The following periodicals are taken, and will be found on the tables in the reading-room:

American Chemical Journal.	Hebraica.
American Geologist.	Homiletic Review.
American Historical Review.	Independent.
American Journal of Science.	Indianapolis Daily Journal.
American Naturalist.	Indianapolis Daily Sentinel.
American Journal of Philology.	Illustrirte Zeitung.
Anatomischer Anzeiger.	Journal of Morphology.
Astro-Physical Journal.	L'Illustration.
Atlantic Monthly.	Modern Language Notes.
Bibliotheca Sacra.	Nation.
Century Magazine.	Nature.
Christian Standard.	New Christian Quarterly.
Christian Evangelist.	Nineteenth Century.
Christian Guide.	North American Review.
Christian Leader.	Philosophical Review.
Classical Review.	Popular Science Monthly.
Contemporary Review.	Political Science Quarterly.
Critic.	School Review.
Edinburg Review.	Scientific American.
Fliegende Blaetter.	Scientific American Supplement.
Forum.	Scribner's Magazine.
Harper's Monthly Magazine.	Yale Review.
Harper's Weekly Magazine.	

In addition to the above, students have access to public libraries (city, state and county) containing in the aggregate more than 100,000 volumes. Among these may be named the Public Library of Indianapolis, which occupies a handsome stone building erected for its use by the city, and contains 65,000 volumes. It has connected with it a commodious reading-room for the use of those that may wish to consult books of reference, or read the papers and periodicals kept there for that purpose. The reading-room is open to the public from 9 A. M. till 9 P. M. every day of the week, and any student of the College has the further privilege of withdrawing books from the library for home reading.

The State Library, also, offers its advantages to students. It occupies elegantly appointed rooms in the state house, and ample accommodations are provided for those that desire to consult the works contained therein. It has on its shelves 26,000 volumes.

Museum.

In the collections of the University there is abundant material for illustrating the sciences of Zoology, Mineralogy and Geology. Some of the materials have been obtained by purchase, some have been contributed by the friends of the institution and some by the National museum, while a considerable portion has been collected by the professors who have occupied the chair of Natural History. The museum contains the following collections:

1. A series of fossils and rocks illustrating the geology of the Mississippi Valley, especially that of Indiana and Ohio.
2. A collection of the fresh water fishes of the United States, made principally by Drs. D. S. Jordan and O. P. Hay.
3. A contribution of marine fishes from the United States National Museum.
4. Reptiles and amphibians of Indiana, collected by Dr. Hay and others.
5. A large collection of representative minerals.
6. Land, fresh water and marine shells including about four thousand specimens.
7. A considerable number of aboriginal stone implements from the United States.

8. A collection of marine invertebrates, mainly from the New England coast, deposited by Prof. Bruner.

9. Marine invertebrates from the Atlantic, Gulf and Pacific coasts, presented by the National Museum and the Fish Commission.

Chemical Laboratory.

The laboratory is well furnished for work, being conveniently arranged and supplied with gas, water, hoods, means of ventilation, and all necessary chemicals and apparatus for work in all branches of the science provided for in the course of study. To each student is assigned his own desk with separate outfit of apparatus and chemicals. Students will be required to pay for all apparatus actually broken or injured.

Biological Laboratory.

The laboratory is well equipped to meet the demands of the work undertaken. Dissecting instruments, slides and covers are supplied at cost. In case of breakage or injury to apparatus the loss must be borne by the student.

The laboratory is provided with its own working library.

The Gymnasium Building.

This structure has been designed and built for two especial purposes—one, to provide suitable quarters for physical culture; the other, to accommodate the boilers, engine and dynamos for warming and lighting the buildings and lighting the College grounds. This building is of deep-red brick trimmed with buff limestone, and is supported upon a massive stone foundation. The roof is trussed and covered with black slate. Within, on the east side, are the great boilers, from which all the buildings obtain their heat and the engine room its power for generating the electric light. Everything connected with this heating and lighting plant has received the most careful study and attention, and the apparatus and machinery selected are of the latest and most approved patterns.

The gymnasium is immediately in the rear of the above, and though externally a part of it, is entirely a structure of itself. The

entrance is from the north through a large archway into an outer vestibule, through this to an inner vestibule, thence into the large hall thirty-five feet wide by fifty-eight feet long, well lighted and ventilated.

At the north end of the building are the bath-rooms. Shower-baths and washstands are provided with fittings for hot and cold water and valves for regulating the temperature. The floors are encaustic tile, with marble base border; the walls are wainscoted with yellow pine, finished to show the natural wood. The large hall is finished in yellow pine; the floor is double, finished with hard oak. New sanitary fittings have also been added, so that the whole is one of the most complete buildings of its kind.

The gymnasium is furnished with the most important modern apparatus and equipped with all kinds of special machinery used in individual work to overcome deformities and physical weaknesses.

REQUIREMENTS FOR ADMISSION.

Candidates for admission to the Freshman class, except those provided with certificates or diplomas as specified below, are examined as follows, but only Latin and one of the three languages, Greek, German, French are required :

ENGLISH: The elements of Rhetoric as found in Williams' text-book or some other standard work, together with an English composition, correct in spelling, punctuation, division into paragraphs, grammar and expression based on some subject to be announced at the time of the examination. In 1898 the subjects will be chosen from Irving's *Sketch Book*, Lowell's *Vision of Sir Launfal*, Scott's *Lady of the Lake* and *Ivanhoe*, Shakespeare's *Merchant of Venice*, and Tennyson's *Idylls of the King*.

MATHEMATICS: The candidate is required to furnish satisfactory evidence of having completed the study of Arithmetic, Algebra to the general binomial formula, and Plane Geometry with all the accompanying exercises. These branches must be represented by the most advanced text-books of Wentworth in each, or an equivalent. Particularly: (1) in Arithmetic, all definitions, tables for weights and measures (including the metric), fractions, common and decimal, percentage and its applications, ratio, proportion, square and cube roots, etc.; (2) in Algebra, definitions and fundamental rules, factoring, elimination, involution, evolution, equations of the first and second degrees, radicals, ratio, proportion, variation, indeterminate equations, arithmetical and geometrical progressions; (3) in Plane Geometry, definitions, propositions, problems and original work.

Note.—After '98-'99, Solid Geometry will be required in addition to the foregoing.

GREEK: (1) All Attic forms with accents. Four books of Xenophon's *Anabasis* with Xenophon's *Symposium*. (2) Greek Prose Composition (Jones' Greek Prose Composition or the first two parts of Allison's). Equivalents may be offered. Preparation for this examination requires two years' work with five recitations per week.

GERMAN: Harris's Composition, together with some three hundred pages of easy prose such as that of Riehl, Hauff, and Heyse. Thorough acquaintance with grammatical forms and rules is required, special attention being given to strong verbs, gender and plurals of nouns, word formation, and in-

fiction. The prose reading mentioned should have been preceded by one year's study of some such grammar as Joynes-Meissner or Collar's Eysenbach, together with easy reading.

LATIN: Candidates are examined (1) in the following authors with questions on subject-matter, constructions, and the formation and inflection of words: Caesar, four books of the Gallic War; Cicero, six orations; Virgil, five books of the *Æneid*, with prosody; (2) in the translation at sight of passages of average difficulty from Caesar and Cicero; and (3) in the translation into Latin of a piece of connected English based on principles contained in first forty-six lessons of Allen's Introduction to Latin Prose Composition. Thorough acquaintance with grammatical forms and rules is required. The rules of quantity should be learned along with the declensions and conjugations. Three years' time is regarded as necessary to do properly the above work. In the reading of the authors named, the following sequence is recommended: Caesar, Cicero, Virgil. The method of pronunciation of Latin used in this college is the Roman as given in the report of the Committee on Secondary School Studies appointed at the meeting of the National Educational Association, July 9, 1892.

FRENCH: The examination will be adapted to the proficiency of those who have studied French in a systematic course of five periods a week for two years. Courses 1-6 in this catalogue (p. 49) will indicate the entrance requirements where French is offered.

HISTORY: Candidates are examined in Myer's General History, with special attention to the sections devoted to Greece and Rome.

PHYSICS: Carhart & Chute's Elements of Physics, or an equivalent.

Examinations in all the subjects required for admission are held in June and September. (See Calendar.)

Admission to Freshman Class Without Examination.

Certificates of work done in public or private schools of approved standing are accepted in lieu of examinations, subject to the following conditions:

1. The student's application for admission must be accompanied by a certificate from the principal of the school from which he comes.

2. This certificate must furnish full and specific information concerning the applicant's studies, the time that he has devoted to them, and should indicate, by means of the usual marks, his proficiency therein.

3. The candidate presenting the certificate of a principal will, however, not be exempted from the entrance examination in any particular subject unless his certificate shows that he has satisfactorily accomplished the full amount of work in that subject. And further, in harmony with a recommendation adopted at a meeting of the college presidents of Indiana, held at Indianapolis, November 17, 1893, every candidate for admission to college, whether from a commissioned high-school or other, shall be subject to examination in English for the purpose of determining his ability to use the English language correctly.

4. Admission on certificate will, in every case, for the first term, be regarded as merely *provisional*. Should the student, after a term's residence, be found to be unable to pass the examinations of the class to which he has been temporarily assigned, he will be required to accept such other classification as may be deemed equitable.

5. Such certificates, however, will not be received after a longer interval than two years from the date of issue, unless an additional certificate of continued study accompany them.

The acceptance of certificates is regarded as a favor to the candidate and a courtesy to the certifying school, and it is hoped that the requirements of the college, in regard to their nature and form, will be fully complied with.

Admission to Advanced Standing.

Students entering Butler College, after pursuing study in another college of equal rank, are credited with the number of hours' work actually done towards the requirements of Butler College, as certified by the proper authorities of the college from which such students come.

Work done in a high school, or other fitting school, will be credited toward graduation only on examination.

No student from another college will be admitted to the Senior class after the beginning of the year in which he expects to receive his degree.

Conditions or Deficiencies.

Students in arrears in any of the entrance requirements are admitted on condition that they begin, at once, to make up such arrears in classes of the preparatory department.

Candidates for admission must furnish satisfactory evidence of good character, and those coming from other colleges must bring a certificate of honorable dismissal. No student is considered fully a member of his class, or of the institution, until he has passed at least one term satisfactorily to the Faculty, during which time he may be assigned to another class, or, if his connection with the college is deemed undesirable, may be privately dismissed.

Special Students.

A student, not a candidate for a degree, wishing to pursue a special line of study may be allowed to do so, without fulfilling the entrance requirements, provided the professor concerned shall regard him qualified to take the special work proposed.

REQUIREMENTS FOR GRADUATION.

For admission to the freshman class the following subjects are required, as indicated elsewhere: Latin, English, Mathematics, Physics, History, and one of the three languages: German, French, Greek.

For graduation, one hundred eighty-two *term-hours of instruction, besides twelve hours of physical culture, are required to be taken. Students, as a rule, will assume not more than three subjects (of five hours each per week) during any one term. A fourth subject may be taken only in case the student's average grade for the term next preceding shall have been as high as 3, and an additional fee of \$2 will be charged therefor. A student desiring to take a fourth subject must obtain the consent of the faculty. To English courses 1 and 2, however, and to physical culture courses, these restrictions do not apply. In any case, the subjects chosen must not conflict in times of recitation, and all work, to receive credit, must be done in class.

Of the one hundred eighty-two term-hours (exclusive of physical culture) above named as necessary for graduation, forty-two are definitely assigned, fifty are elective within specifically defined limits, and the remaining ninety are elective, as indicated below.

Upon the satisfactory completion of the aggregate requirement as here given, and the presentation of a thesis acceptable to the faculty, the student is entitled to receive the degree of Bachelor of Arts.

The arrangement of work for the four years is as follows (number following subject indicates course):

Freshman Class.

FALL TERM:

- (1) English 1.
- (2) Mathematics 1.
- (3) French 1, or German 1, or Greek 1.
- (4) Latin 1, or Greek 7, or German 7.
- (5) Physical Culture 10.

*A term-hour is one hour of recitation per week, through one term.

WINTER TERM :

- (1) English 2.
- (2) Mathematics 2.
- (3) French 2, or German 2, or Greek 2.
- (4) Latin 2, or Greek 8, or German 8.
- (5) Physical Culture 11.

SPRING TERM :

- (1) English 3.
- (2) French 3, or German 3, or Greek 3.
- (3) Latin 3, or Greek 9, or German 9.
- (4) Physical Culture 12.

Sophomore Class.

FALL TERM :

- (1) English 4.
- (2) Biology 1, or Chemistry 1.
- (3) Latin 4, or Greek 4 or 10, or German 4 or 10, or French 4 or Hebrew 1, or Mathematics 4, or Physics 1, or Sociology 1.
- (4) Physical Culture 13.

WINTER TERM :

- (1) English 5.
- (2) Bible 5.
- (3) Latin 5, or Greek 5 or 11, or German 5 or 11, or French 5, or Hebrew 2, or Mathematics 5, or Geology 1 or 2, or Political Economy 1, or Biology 2, or Chemistry 2.
- (4) Physical Culture 14.

SPRING TERM :

- (1) History 1.
- (2) Psychology 1.
- (3) Latin 6, or Greek 6 or 12, or German 6 or 12, or French 6, or Hebrew 3, or Mathematics 6, or Political Science 3, or Biology 3, or Chemistry 3, or English Biblical Exegesis 2.
- (4) Physical Culture 15.

Junior and Senior Classes.

To complete the requirements for graduation election may be made of any of the courses offered, including such of those in the above scheme as may not have been taken to fulfill the requirement of the Freshman and Sophomore years. This election, however, is subject to the following restriction: Subjects are arranged in three groups, and the student may not choose more than two-thirds of his work from any one group.

The groups are as follows:

1. LANGUAGE AND LITERATURE.
 2. HISTORY AND PHILOSOPHY.
 3. MATHEMATICS AND SCIENCE.
- .

COURSES OF INSTRUCTION.

When an announced course has not been applied for by at least three students, candidates for a degree, the instructor shall be at liberty to withdraw the course.

Class exercises are daily, unless otherwise indicated in statement of courses.

Each course either consists of, or is equivalent to, five term-hours work per week, unless otherwise indicated in statement of courses.

Bracketed courses will not be offered in '98-'99.

I. Language and Literature.

ENGLISH.

Literature: PROFESSOR BRIDGES.

Rhetoric: PROFESSOR KIES.

General Statement.

The work of the English department includes rhetoric and composition, English literature, English language.

The work in rhetoric and composition is designed to train the student in correct expression, in clear thinking, and in the best selection and collocation of ideas. The aim in the class-work in oratory and debate is to help the student to that command of his powers as thinker, writer and speaker, that is necessary for a natural and effective use of the spoken word in public speech.

The courses in rhetoric are further designed to develop good taste and a critical appreciation of literary work. Accordingly such courses in literature are chosen as will illustrate the various forms of expression resulting from various movements in natural life. They

are studied with purpose to awaken an intelligent interest in literature, to develop independent judgment, to guide to a right use of books. Constant reference is made to the library.

Courses.

1. Rhetoric: Narration, description, exposition, with study of models and brief papers each week illustrating the topics under consideration. *Fall, Thr., 8.*
2. Rhetoric: Continuation of course 1. *Winter, Thr., 8.*
3. Rhetoric: Continued as in 1 and 2. One hour per week.

Literature: General survey, with a more careful study of certain representative authors. Four hours per week. *Spring, 10:30.*

4. Rhetoric: Argument, persuasion. In addition short papers, debates and orations. Specimens of orations and arguments of distinguished speakers are studied. Genung's Handbook of Rhetorical Analysis and Baker's Principles of Argumentation are used. Two hours per week.

Literature: Poets of the Nineteenth Century. Three hours per week. *Fall, 8.*

5. Rhetoric: Continuation of course 4. Two hours per week.

Literature: Prose writers of the Nineteenth Century. Three hours per week. *Winter, 8.*

6. Rhetoric: (a) Literary criticism. Essays and discussions. (b) Public speaking; orations, with study and analysis of American and British types of oratory. *Spring, 11:30.*

7. Rhetoric: (a) Literary criticism. (b) Extemporaneous speaking, including practice in debating, study of the kinds of arguments, as shown in the works of famous writers and speakers. Genung and Baker are used; also Herbert Spencer's Essay, Philosophy of Style, and De Quincy's Essays on Style, Rhetoric and Language. *Fall, 2.*

8. English Romanticism: Beginning with Elizabethan period.
Fall, 11:30.
- [9. Eighteenth Century Authors. *Fall, 11:30.]*
10. Development of English Criticism. *Winter, 11:30.*
- [11. English Literature of Seventeenth Century. *Winter, 11:30.]*
12. History and Principles of English Versification. *Spring, 11:30.*
13. Development and History of English Drama. *Fall, 2.*
14. Shakespeare. Six plays. *Winter, 2.*
15. Development of the English Novel. *Spring, 2.*
16. Anglo-Saxon. Bright's Reader. *Fall, 3.*
17. Specimens of English before Chaucer. *Winter, 3.*
18. Chaucer's Canterbury Tales. Carsen. *Spring, 3.*

Courses 16, 17 and 18 may be elected only by students who have had three years' of college work in English.

GERMAN.

PROFESSOR HOWE.

INSTRUCTOR THORMYER.

General Statement.

The work of the first two years (courses 1 to 6) are devoted to obtaining a knowledge of the grammar and vocabulary sufficient to render the reading of ordinary German easy for those students who do not elect German, and also to furnish a basis for the advanced courses. German is used as far as possible in the class-room, but no time of the regular courses is given to conversation purposes. In the advanced courses the interpretation of authors and the lectures are

conducted in German. After 1898-99, courses in Gothic and Old High German may be arranged with the instructor by sufficiently advanced students.

Courses.

- 1, 2, 3. Thomas' German Grammar ; Harris' German Reader ; Harris' German Prose Composition throughout the year.
Fall, Winter, Spring, 2.
- 4, 5, 6. Modern German Prose selected by the instructor from the works of Hauff, Heyse, Baumbach and Nichols' Three German Tales. Composition.
Fall, Winter, Spring, 9.
7. Lessing's Minna von Barnhelm and Nathan der Weise. Lectures on life and works of Lessing. Composition.
Fall, 11:30.
8. Schiller's Wallenstein. Lectures on Life and Works of Schiller. Composition.
Winter, 10:30.
9. Schiller's Maria Stuart ; die Brant von Messina ; Jungfrau von Orleans. Compositions.
Spring, 11:30.
10. Goethe's Götz von Berlichingen. Egmont ; Iphegenie. Lectures on Life and Works of Goethe.
Fall, 9.
11. Goethe's Dichtung und Wahrheit. Die leiden des jungen Werther.
Winter, 9.
12. Goethe's Faust. Part I.
Spring, 9.
13. The romantic movement.

Reading of works of Romanticists in class. Collateral reading and essays.
Fall, 2.
14. The modern German Drama. Selected works of most important modern dramatists read and discussed. Lectures and essays.
Winter, 2.

15. The modern German novel. Selected works of Freytag, Schiffel and others read and discussed. Lectures and essays.
Spring, 2.
- [16. History of German Literature. Text books: Francke's Social Forces in German Literature; Kluge's Geschichte der deutschen National-Litteratur. Lectures by the instructor, together with interpretation of masterpieces and discussion of their historical significance. Theses on assigned reading.] *Fall, 2.*
- [17. History of Literature continued.] *Winter, 2.*
- [18. History of Literature concluded.] *Spring, 2.*
Courses 13, 14 and 15 and 13, 17 and 18 are given in alternate years, and the student must have taken at least two (2) years of German to be admitted to either.
- [19. Middle High German Grammar. Reading from Hartmann von Ane's, der Arme Heinrich, das Nibelungen-Lied, Walther von der Vogelweide. To enter this course the student must have had three years of German and obtain consent of instructor. 19 will be counted as a full course, three hours per week at hours to be arranged.]

GREEK.

PROFESSOR BROWN.

General Statement.

The aims of this department are:

(1) Discipline. An accurate knowledge of the forms will be insisted upon, particularly in the first years of work. Grammatical points and idiomatic expressions will be discussed in the class. This will be done by the writing of Greek prose as well as from the author read.

(2) A knowledge of the literature, history and mythology of the Greeks. It is the purpose to reach this by the reading of authors from Homer to Lucian. The main point will be the study of the literary merits of the author read, together with a careful investi-

gation into the conditions under which he wrote and the times in which he lived. It is hoped thus to have courses in reading covering the epic poets, the tragedians, the comedians, the orators and the historians. History will be studied by the assignment of periods to individual students to be reported upon before the class. The lives of generals and statesmen will be assigned in the same way. The instructor will, by means of photographs and lectures, present the latest discoveries in archæology.

(3) The preparation of teachers of Greek. Special attention will be given such students, particularly in the Junior and Senior years. The more difficult points in Greek Grammar will be examined. Graduate courses will be arranged for students who elect Greek in the Junior and Senior years, to whom only are such courses open.

Courses.

- 1, 2, 3. White's First Greek Book. Forms of the Greek language. Ordinary constructions and general vocabulary. Recitations both oral and written. Daily practice in translating Greek into English and also in turning English sentences into Greek.
Fall, Winter, Spring, 2.
- 4, 5, 6. Xenophon's Anabasis, two books, first and second terms, and Xenophon's Symposium, third term. Composition daily. Goodwin's Grammar, latest edition. *Fall, Winter, Spring, 9.*
7. Demosthenes; short orations, Phillipics and Olynthiacs. Writing of Greek from material taken from the text. *Fall, 11:30.*
- 8, 9. Herodotus; translation and study of forms. History of the Persian wars. *Winter and Spring, 11:30.*
- 10, 11, 12. Greek Drama; translation of one tragedy of each of the authors, Aeschylus, Sophocles and Euripides, and one comedy of Aristophanes. Careful study of the Greek theater. Study of metres.
Fall, Winter, Spring, 9.
13. Lucian; translation and examination of the author's style.
Fall, 8.

- 14, 15. Plutarch; at least four of his "Lives." Study of Plutarch as an historian. *Winter, Spring, 8.*
- [16. Modern Greek; reading of poetry and stories of the Revolution. Study of forms. Conversation in the modern tongue. *Fall, 8.*]
- [17. Greek lyric poetry; selections from great lyric poets and from fragments. Study of metres. Committing to memory of many poems. *Winter, 8.*]
- [18. Plato; selected dialogues, together with passages from the "Republic." History of Greek Art, earliest traces of artistic ability, development and final perfection. Architecture and sculpture, especially the latter. Photographs, casts and the stereopticon will assist in this course. *Spring, 8.*]

In these courses will be included a thorough study of Greek history.

HEBREW.

PROFESSOR GARRISON.

General Statement.

The object of this department is to give the student a knowledge of the Hebrew language as preparatory to the exegesis of the Old Testament. The work of the department during the session of 1898-'99 will be confined to linguistics.

Courses.

- 1, 2, 3. The first term is occupied by a detailed inductive study of the Hebrew text, i-iv, as a basis for the mastery of the more common grammatical forms and the elements of etymology and syntax. During the second term the study of the grammar will be continued with more minuteness, and will be accompanied by the reading of selected passages of easy Hebrew. In the third term emphasis will be laid upon more rapid reading, including sight-reading, and the acquisition of a vocabulary embracing

most of the words of frequent occurrence in the Old Testament. One hour a week will be devoted to careful grammatical work. The courses are intended to give a sufficient acquaintance with the language to enable the student to use it with accuracy and a fair degree of ease in exegetical work and critical study of the Old Testament.

Fall, Winter, Spring, 9.

LATIN.

PROFESSOR BUTLER.

General Statement.

The aim of the work in this department is—

1. To teach the student of fair ability and industry to read Latin understandingly and with reasonable facility. In order to the attainment of this end, during the earlier courses, special attention is given to forms, constructions and idioms. The reading of authors is accompanied with careful solution of whatever grammatical questions the text may present. The main part of the syntactical instruction, however, is given through exercises in Latin writing, such exercises being associated daily with the regular work in reading and translating Latin authors.

2. To make the student acquainted with the literature of the language, by reading considerable portions of the more important authors and by the study of the history of Roman literature.

3. To acquaint the student with Roman public and private life through the study of Roman history and of the archæology of Roman life, social and political.

Courses.

1. LIVY, BOOK XXI. Reading and translation; explanation of grammatical forms; Latin writing on material furnished by the text.
2. CICERO DE SENECTUTE. Construction of the Latin sentence; composition of words; Latin writing and Latin oral exercises.

Fall, 9.

Winter, 9.

3. HORACE'S ODES: Study of Horatian metres; Mythology. This course is mainly occupied with the literary side of the author studied.
Spring, 9.
4. PLAUTUS, CAPTIVI AND TRINUMMUS: Attention given to ante-classical forms and constructions. Collateral historical work: informal lectures (one hour per week) on the rise and development of Roman institutions, with assigned reading.
Fall, 11:30.
5. HORACE, SELECTED SATIRES AND EPISTLES: The student is expected to study each poem as a whole, carefully tracing the thought in its relation to the main theme. Collateral historical work of course 4, continued.
Winter, 11:30.
6. TACITUS, AGRICOLA AND GERMANIA: The author will be studied as illustrating the history and civilization of his time. Frequent exercises in translating at sight will be required.
Spring, 11:30.
- [7. HISTORY OF ROMAN LITERATURE: Selections from some of the earlier writers (to be taken, in part, from the collection of Peck and Arrowsmith). In this course and in courses 8 and 9, following, the reading of authors will be made basis of a connected study of the whole field of Roman literature.
Fall, 10:30.]
- [8. HISTORY OF ROMAN LITERATURE; Selections from writers of the Augustan Age, history of Roman literature (as in course 7) continued.
Winter, 10:30.]
- [9. HISTORY OF ROMAN LITERATURE: Later Roman writers. History of literature continued. In these courses on the history of literature, the student is expected to make himself acquainted at first hand with the principal authors treated of; further instruction will be given by lectures and by directing collateral reading.
Spring, 10:30.]
10. ROMAN ORATORY: Tacitus de Oratoribus with selections from Cicero.
Fall, 10:30.

11. ROMAN SATIRE: Horace, Juvenal. A study of the elements and development of satire with a comparison of the Roman writers in this field of literature. *Winter, 10:30.*
12. LATIN ELEGIAC POETRY: Catullus, Tibullus, Propertius and Ovid: a comparative study. *Spring, 10:30.*

ROMANCE LANGUAGES.

PROFESSOR MILLER.

General Statement.

The work in this department is designed:

1. To give the student a reading knowledge of French and Spanish for personal culture, for subsequent special work, or for practical use.
2. To make him acquainted with the origin and history of these literatures and their relation to each other and to English literature.
3. To enable him to understand contemporary life and events in France, Spain and Spanish America.

Courses.

FRENCH.

1. Edgren's grammar; pronunciation, simpler rules of syntax, irregular verbs and a working vocabulary; Super's reader; composition based on texts read. *Fall, 2.*
2. Translation of La Fontaine's fables, modern comedies and short stories; composition. *Winter, 2.*
3. History of French Literature (Warren's Primer): translation of Corneille, Racine and Moliere, of seventeenth century prose and of selections from Hugo and Daudet; composition. *Spring, 2.*
4. Nineteenth century writers of the Romantic school; Saint-Pierre, Lamartine, Hugo, Sainte-Beuve, George Sand. *Fall, 9.*

5. Eighteenth century writers and philosophy; Voltaire, Rousseau, Montesquieu, Beaumarchais. *Winter, 9.*
6. Contemporary authors: Daudet, Augier, Coppee, Brunetiere, Bourget, Maupassant, Zola. *Spring, 9.*

SPANISH.

- 7, 8, 9. A year's work in acquiring a knowledge of the idioms and syntax of the language, the ability to read it fluently, and the basis for later practical use of it in everyday intercourse. Translation will be of contemporary authors. ———'s grammar will be used. *Winter, Spring, 11:30.*

II. History and Philosophy.

BIBLE.

PROFESSOR JENKINS.

General Statement.

The educational purposes of the institution, by the terms of its organic law, are made to include religious instruction. Its charter expressly declares that one of the objects for which it is founded is "to teach and inculcate the Christian faith and Christian morality as taught in the sacred Scriptures;" and it was intended that this instruction should be, not sectarian, nor even denominational, but broad, catholic and philanthropic as Christianity itself. In pursuance of this purpose the revised version of the Bible is adopted as a text-book, and a regular course of study in it is prescribed as one of the conditions of graduation. Instruction is by lectures, discussions and reports, students being required to study with care those portions of the Bible embraced in the lectures.

During the year 1898-'99 the course will be in the New Testament and will be required of all candidates for a degree.

Courses.

5. **THE GOSPELS AND THE LIFE OF CHRIST.** This will be a course based upon the English text of the New Testament and designed to meet the needs of the academic students in their required Bible study. The course will be more or less popular, and an attempt will be made to render it attractive to the undergraduate student. The life of our Lord will be chronologically studied, with the aid of the best popular works on the subject, and a text-book will be required. Occasional themes will be expected.

*Winter, 10:30.***HISTORY AND POLITICAL SCIENCE.**

PROFESSOR MILLER.

PROFESSOR FORREST.

General Statement.

The aim of the work in this department is :

1. To enable the student to study intelligently those sciences in which the historical background is a prominent feature, especially Politics, Sociology, Economics, Language and Literature.
2. To afford an insight into the origins and development of modern civilization, with a knowledge of the causes, meaning and results of the great crises of history.
3. To prepare the student to comprehend and perform well the duties of American citizenship by an examination of the evolution and practical workings of our national government and municipal and other local administrations.
4. To give the breadth of sympathy and judgment that comes from an understanding of the growth and relations of peoples, literatures, ideas and institutions.

Courses.

1. **MEDIAEVAL EUROPE:** Text-book (Thatcher and Schwill); lectures and collateral reading; written reviews.

Spring, 8.

2. MODERN EUROPE: Text-book (Lodge); lectures and collateral reading; written reviews. *Fall, 8.*
 3. AMERICAN POLITICS: Bryce's *American Commonwealth*; the facts learned from the text-book used in the development of the theory of Political Science. *Spring, 11:30.*
 4. PROBLEMS OF MUNICIPAL GOVERNMENT: A comparative study of the charters and practical workings of the municipalities of Indianapolis, Cincinnati, Chicago, New York, Glasgow, Manchester, London, Paris, Hamburg, Berlin. Particular attention will be paid to methods of control of public works. Prerequisite: Course 3, or some work in Civil Government. *Winter, 2.*
 5. DEVELOPMENT OF THE CONSTITUTION OF THE UNITED STATES: A study, based upon the history of the United States since 1789, of the conceptions of the nature and functions of the Federal Government; a consideration of the social causes of important constitutional changes. Prerequisite: Course 3, and a good knowledge of American history. *Spring, 10:30.*
- [PHILOSOPHY OF THE STATE: A course based upon Willoughby's "The Nature of the State." See Department of Sociology and Economics.]
- ROMAN HISTORY: Informal lectures on the rise and development of Roman institutions, with assigned reading. This course continues through the year, and is given collaterally with Latin courses 4, 5 and 6, which see. *Thursdays, 11:30.*

PHILOSOPHY AND PEDAGOGY.

PROFESSOR AMES.

General Statement.

PHILOSOPHY: The close and vital relation in which philosophy stands to the various sciences, historical and biological, and to practical life, emphasize its claim to an important place in liberal educa-

tion. Psychology, logic and ethics deal respectively with the nature and development of mind, the processes of thought and the ideals and laws of conduct. They are, therefore, eminently fitted to afford general culture, as well as useful training, for the various professional and scientific pursuits. The history of philosophy presents statements of the fundamental problems of life, and the attempts at their solution, as these have been wrought out by the master minds of the race. It offers an interpretation and progressive explanation of the conceptions which are also exhibited from other points of view in history and general literature.

COURSE 1, INTRODUCTORY PSYCHOLOGY, is a prerequisite for all other courses in this department. It is also recommended that courses 2 and 3 be taken as preliminaries to 4, 5 and 6.

PEDAGOGY: It is the aim of this department to furnish training for intending teachers, but the interests of the general student are also kept in view. The instruction proceeds from the psychological and historical standpoints, and seeks to present the fundamental principles of education. Several courses of special value to the student of pedagogy may be found in sociology and philosophy. Psychology is indispensable to a mastery of pedagogical problems. The public schools of Indianapolis afford a convenient opportunity to observe efficient organization, equipment and methods.

Courses.

1. PSYCHOLOGY, ELEMENTARY COURSE: Required of Sophomores third term. Prerequisite for all other courses in this department. It is the purpose to acquaint the student with the scope and method of the science, with the nature and activities of the mind, and with the laws and processes of mental development. References to various authors, and papers upon selected topics, are assigned to each student. Text, James' Psychology, Brief Course. *Spring, 10:30.*
2. ETHICS: The conceptions of moral obligation, virtue and freedom are treated psychologically and critically. An analysis is made of character, habit, desires and ideals from the psychological and ethical points of view. The institutions of family, state

and society and the duties they involve, together with the factors in moral progress, will be outlined. Practical problems will be taken up in discussions and papers. Text, Mackenzie's *Manual of Ethics*.
Fall, 9.

3. LOGIC: The processes of conception, judgment, and reasoning are analyzed in order to show the valid and invalid methods of thought. Both the deductive and inductive phases of inference are treated in their historical development. Particular attention is given to the use of induction in the methods employed by the natural sciences. Text, Minto's *Logic, Inductive and Deductive*.
Winter, 9.
4. HISTORY OF ENGLISH PHILOSOPHY FROM HOBBS TO HUME: Selections from the principal writings of Locke, Berkeley and Hume will be critically read and discussed. A study of these philosophers is a natural and suggestive introduction to the main problems of philosophy, and particularly to the thought of the present time. The connection between philosophical conceptions, literature, social and religious conditions will be noted.
Fall, 11:30.
- [5. HISTORY OF MEDIEVAL AND EARLY MODERN PHILOSOPHY, embracing an outline of the patristic and scholastic periods, and a more detailed study of Descartes, Spinoza and Leibniz.
Winter, 11:30.]
6. KANT AND GERMAN IDEALISM: After a careful reading of Watson's *Selections from Kant's Critique of Pure Reason*, the development of modern idealism will be studied in the systems of Fichte, Schelling and Hegel. A brief survey of later writers will connect this period with present movements of thought.
Winter, 11:30.
7. HISTORY OF ANCIENT PHILOSOPHY: The beginnings of philosophy in Greece are traced, and also the development of speculative thought in the schools of Socrates, Plato and Aristotle. Several of Plato's Dialogues and selected portions of Aristotle's works will be read.

This course is recommended to students having taken the Ethics and Logic of the preceding Fall and Winter terms, as well as to those having completed courses 4 and 6. *Spring, 11:30.*

8. HISTORY OF EDUCATION : The development of educational problems, together with the principles and practical means applied to them, especially in the modern period, will be treated in lectures, papers and discussions. Particular attention will be given to the great educational classics, such as Pestalozzi's, How Gertrude Teaches Her Children, Froebel's Education of Man, Rousseau's Emile, Locke's Thoughts, Spencer's Education. William's History of Modern Education will serve to outline the course. *Fall, 8.*
9. PHYSIOLOGICAL AND EXPERIMENTAL PSYCHOLOGY: The literature, methods and results of these lines of modern psychology will be summarized, and special subjects will be discussed and their pedagogical significance emphasized, for example the psycho-physical organism, including the structure of the nervous system, the various end organs, and the localization of function in the brain, etc. *Winter, 8.*
- [10. PSYCHOLOGY OF CHILDHOOD : The history, methods and results of child study are reviewed and their educational value indicated. Tracy's Psychology of Childhood, Sully's Studies of Childhood and selected periodical literature are read and discussed. Papers and collateral readings are assigned to each student. *Winter, 8.]*
11. THE PUBLIC SCHOOL SYSTEM : This course will treat in some detail the school system of this country. The main topics discussed will be organization and administration, equipment, curriculum, and method. The excellent schools of the city of Indianapolis furnish good opportunities for observation of all grades and variety of work. The special interests of individual students will be consulted in assigning them to investigations of different problems. A general study can thus be made of the practical questions of child study, grading, school hygiene, educational values, examinations, teachers' meetings, etc. *Spring, 8.*

SOCIOLOGY AND ECONOMICS.

PROFESSOR FORREST.

General Statement.

The primary aim of this department is to train students in the observation of social phenomena and reflection on social relations, to the end that they may be prepared to discharge their duties as members of society. But in addition to such introductory courses as are essential to a liberal education, further courses are offered which, on the one hand, will prepare students for advanced specialization in the various social sciences, and, on the other, will furnish a broad foundation for professional studies. In all courses the effort is made to give students the *methods* rather than the *results* of social study; and, wherever it is practicable, the student is encouraged to make independent and first-hand investigations.

The city of Indianapolis is the social laboratory of the department. While it does not present the complexity of phenomena to be found in some larger cities, it is large enough to furnish almost every factor of the most complicated social life; and, indeed, the simpler nature of the society, which yet contains all the elements of cosmopolitan municipal life, makes the city a more desirable field for certain kinds of social investigation than it would be if it were larger.

The department also enjoys the advantage of having access to the large collection of public documents in the State library, and the very complete collections of works pertaining to the social sciences in the libraries of the State, the City, and Butler College.

The work of the department is so arranged that the student may pursue courses aggregating five years of study. The courses are arranged in three groups: (A). Introductory Courses; (B). Courses in Social Problems, both historical and contemporary; (C). Courses in Social Philosophy. Students who desire to elect a large proportion of their Junior and Senior courses in this department should elect the introductory courses in their Sophomore year; but those who desire only an introduction to the social sciences should not begin to elect courses in the department before their Junior year. Except for very important reasons, no student below the Junior year,

whether regular or unclassified, will be admitted to any except the introductory group of courses.

A. Introductory Courses.

1. INTRODUCTION TO SOCIOLOGY: This course embraces a brief historical review of the development of social institutions, but is chiefly concerned with an analysis of existing society. It aims to give a general view of the more important social phenomena, and to develop a method of social study. *Fall, 11:30.*
2. ECONOMICS: A thorough introduction is given to the principles of economics. The work is based on Davenport's "Outlines of Economic Theory;" but the student will also be referred to other writers, especially where their position differs from that of the text-book. *Winter, 11:30.*
(Students may profitably follow this course by the introductory course in Political Science.)

B. Social Problems, Historical and Contemporary.

3. ORGANIZED PHILANTHROPY: A study of the causes of poverty and methods of amelioration, based on Warner's "American Charities." The department enjoys the hearty co-operation of the excellent Charity Organization Society of Indianapolis; and is thereby enabled to make a thorough study of the charities of the city. Such agencies as the social settlement, the institutional church, the labor colony, etc., will also receive consideration. The student will be expected to make a personal investigation of actual conditions found in the city. *Fall, 2.*
(The course in Problems of Municipal Government fittingly follows the course in Philanthropy. See Department of Political Science.)
4. THE LABOR PROBLEM: A study of the labor movement in Great Britain and the United States. Attention will be directed to the development of the factory system, the organization of labor, the present aspects of the conflict between labor and capital, etc. Course 2 is a prerequisite to this course. *Spring, 2.*

- [5. **PRIMITIVE CULTURE:** A study is made of some of the leading problems of Anthropology and Ethnology, particular emphasis being laid upon the industrial and the ethical development among primitive peoples. It is believed that only by such a study of the beginnings of social evolution can a proper basis be laid for advanced historical and sociological investigation. This course is also introductory to the study of Folk Psychology.]
- [6. **SOCIAL EVOLUTION (I):** A study of the important elements of civilization transmitted from the ancient to the modern world. The emphasis is laid on the industrial and ethical development of the Mediæval Period in order that the institutions and forces of existing society may be properly understood. The course in Mediæval History is a prerequisite to this course, and the student will also find it to his advantage to have completed Course 5 of this department.]
- [7. **SOCIAL EVOLUTION (II):** A study of the social development since the Renaissance, in continuance of Course 7. The growing tendency towards greater division of labor and economic interdependence, the development of industrial organizations and of socialistic movements will be examined, and the general social tendencies traced.]

C. Social Philosophy.

8. **SOCIAL PSYCHOLOGY:** An examination of the phenomena of the interaction of human minds in association, based on Baldwin's "Social and Ethical Interpretations." Reference will also be made to the works of Tarde, Durkheim, Fouillee, Giddings and Ward. The object of the course will be to come to an understanding of the psychical side of social organization and development. The pedagogical aspects of the subject will be indicated. Prerequisite: Introductory Psychology. It would be well to precede or accompany this course with Course 1.

Fall, 10:30.

9. **SOCIAL ETHICS:** The problems of morality will be approached from the social side, the course being thus complementary to

the course in Ethics in the Department of Philosophy. The concepts arrived at in the study of Social Psychology will be used in the interpretation of the nature and conditions of the ethical life of society as a whole. Spencer's "Data of Ethics" and Wundt's "Facts of the Moral Life" will serve as a basis for the study. Prerequisites: Course 8 and the introductory course in Ethics. *Winter, 10:30.*

- [10. **PHILOSOPHY OF THE STATE:** (See Department of History and Political Science.) An examination of political organization, based on Willoughby's "Nature of the State." In connection with the study of the text-book a brief comparison will be made of the American, British, French and German constitutions. Prerequisite: Course in Political Science.]
- [11. **DEVELOPMENT OF SOCIAL PHILOSOPHY.** An examination of the principal attempts to interpret social phenomena, from Plato to Comte. Prerequisite: Courses 1 and 8. It will also be to the advantage of the student to precede or accompany this course by the course in History of Philosophy, and by Course 6.]
- [12. **CONTEMPORARY SOCIAL PHILOSOPHY.** An examination of the principal sociological contributions since Auguste Comte. Prerequisites: Same as for Course 11, and a reading knowledge of either French or German. This course, however, may be pursued by students who have not completed Course 11.]

III. Mathematics and Science.

BIOLOGY.

PROFESSOR BRUNER.

General Statement.

This department aims (1) to meet the demands of liberal education, and (2) to prepare students for teaching, investigation and medicine. Courses 1, 2 and 3 are designed partly to meet the first demand,

and partly to furnish a foundation for the more advanced work of courses 4, 5, 6 and 7. The student may also pass from course 1 to courses 6 and 7, if he so desires.

The method of instruction recognizes the value both of the ideas of science and of discipline, which comes with the acquisition of habits of scientific observation. Lectures and recitations go hand in hand with practical work, in which instruments and methods receive special attention. Faithful records of observations by means of notes and drawings are required.

The biological laboratory is well equipped for the work undertaken. Additions made during the year include: A His' Embryograph; an improved paraffine oven, made by Hellige and Company of Freiburg; a selection from Leuckart's Zoölogical and Embryological Charts.

A fee of three dollars per term is charged in each course, which includes laboratory work.

Courses.

1. GENERAL ZOÖLOGY: A study of the structure, functions and development of typical animals; an introduction to physiology, morphology and to the general principles of biology.

The work begins with a general survey of the characteristics of living matter; the structure and properties of the cell, the origin of the tissues and the formation of organs are considered and this is followed by the investigation of typical animals, beginning with the simple and advancing to the complex.

Open to Sophomores, Juniors and Seniors; prescribed course for Sophomores who elect biology as their required science.

Fall: { *Lectures, Wed., Fri., 10:30.*
 { *Laboratory, Tu., Wed., Thurs., Fri., 2-4.*

2. PHYSIOLOGY: A course in human physiology, including recitations and demonstrations.

Martin's Human Body is used as text-book. *Winter, 11:30.*

3. ELEMENTARY BOTANY: A general course in morphology, physiology and classification of plants. The preparation of a herbarium is included in the work of the course.

Spring: { *Lectures, Wed., Fri., 11:30.*
 { *Laboratory, Tu., Wed., Thurs., Fri., 2-4.*

4. **MAMMALIAN ANATOMY:** This course is intended for students who desire an acquaintance with the structure of the mammalian body as a preparation for work in physiology, anatomy and medicine. The microscopic anatomy of the nervous system and sense organs receives due attention.

Gorham and Tower's Dissection of the Cat, supplemented by reference to the department library.

Fall: { *Lecture, Tuesday, 11:30.*
Laboratory, Tu., Wed., Thurs., Fri., 2-4.

- [5. **COMPARATIVE ANATOMY OF VERTEBRATES:** (1.) A review of the classification and development of vertebrates.

(2.) A study of physiological mechanisms—skeleton, muscular system, nervous system, sense organs, respiratory systems, urinogenital system.

Open to Juniors and Seniors who have taken Course 1. Wiedersheim and Parker's Comparative Anatomy and Marshall and Hurst's Practical Zoölogy.

Fall: { *Lectures, Tu., Fri., 11:30.*
Laboratory, Tu., Wed., Thurs., Fri., 2-4.]

6. **HISTOLOGY:** A study of the minute anatomy of a typical mammal, including technique. A general survey of instruments and methods is followed by a systematic treatment of the tissues and organs. Practical work in general and special methods is expected of each student. Prerequisite: Course 1.

Stöhr's Histology or Piersol's Normal Histology.

Winter: { *Lecture, Tues., Wed., 10:30.*
Laboratory, Tu., Wed., Thurs., Fri., 2-4.

7. **EMBRYOLOGY OF VERTEBRATES:** Lectures on segmentation, the formation of the germ layers and the development of organs; practical study of the chick and frog (or salamander).

Must be preceded by Courses 1 and 5.

Spring: { *Lecture, Tuesday, 10:30.* 2-4.
Laboratory, Tu., Wed., Thurs., Fri.,

- 8, 9, 10. **SPECIAL WORK:** Students who have had sufficient preliminary training will be assigned special problems in histology, embryology or vertebrate anatomy. Daily through year.

Laboratory, 2-4.

CHEMISTRY.

PROFESSOR KARSLAKE.

General Statement.

The courses offered in this department are primarily designed to meet the wants (1) of those desiring a general knowledge of the subject, and (2) of those feeling the need of more advanced work in order to prepare themselves for research work, teaching, medicine or other professions. The full course of work extends over a period of three years, and has been so arranged as to make it possible for a student, by election, to take the whole of it if he so desires. Arrangements have been made whereby the work done in this department will be accepted by the Medical College. The courses offered here are also open to special students, *provided* they have had the entrance requirements (or equivalent) in Elementary Physics and in Mathematics.

The instruction is given by means of lectures, recitations and laboratory work. The lectures are fully illustrated by numerous class-room experiments, and are supplemented by recitations, written exercises, written examinations, stoichiometrical problems and laboratory work.

The equipment of the department is good. The lecture-room is fully supplied with apparatus and all of the modern facilities for the experimental illustration of the different lecture courses. The laboratories are well furnished, being conveniently arranged and supplied with tables, re-agents, gas, water, hoods and all the necessary facilities to enable the student to carry on the lines of work laid out in the several courses. To each student is assigned his own desk, with separate outfit of apparatus and chemicals.

Courses.

1. ELEMENTARY INORGANIC CHEMISTRY—Acid-Forming Elements: Lectures, recitations and laboratory practice. An introductory course in elementary chemical theory, the laws of chemical combination, the use of symbols and equations and the history, occurrence, preparation and properties of the elements and their principal compounds.

Fall: { Lectures, Tu., Thu., Sat., 10:30.
Laboratory, Tu, Thu., Sat., 2 to 4.

2. **ELEMENTARY INORGANIC CHEMISTRY**—Base-Forming Elements: A supplementary continuation of Course 1. Prerequisite, Course 1.

Winter: { *Lectures, Tue., Thu., Sat., 11:30.*
Laboratory, Tue., Thu., Sat., 2 to 4.

3. **QUALITATIVE ANALYSIS**—Introductory Courses: Lectures, recitations and laboratory practice. The aim of this course is to take up in a more thorough and careful manner the study of the methods of preparation, separation and properties of the elements and their compounds. Analysis of Simple Salts. Prerequisite, Course 2.

Spring: { *Lectures, Tue., Thu., 11:30.*
Laboratory, Tue., Wed., Thu., Fri., 2 to 4.

4. **QUALITATIVE ANALYSIS**—Advanced Course: Lectures, recitations and laboratory practice. Analysis of complex mixtures of salts, technical products and ores. Blow-pipe analysis. Urinary analysis. This course is recommended to both those intending to pursue the study of medicine and to those intending to pursue the courses in Quantitative Analysis. Prerequisite, Course 3.]

Fall: { *Lectures, Wed., Fri., 11:30.*
Laboratory, Tue., Wed., Thu., Fri., 2 to 4.

5. **QUANTITATIVE ANALYSIS**—Introductory Course: Lectures, recitations and chiefly laboratory practice. A course on the general principles and practice in gravimetric, volumetric and electrolytic analysis. Analysis of salts of known composition, alloys, etc. Prerequisite, Course 3.

Winter: { *Lectures, Wed., 10:30.*
Laboratory, Tue., Wed., Thur., Fri., Sat., 2 to 4.

6. **QUANTITATIVE ANALYSIS**—Advanced Course: A supplementary continuation of Course 5, chiefly laboratory practice. Special and quick methods for the analysis of minerals, ores, water, foods, organic substances. Prerequisite, Course 5.

Spring: { *Lectures, Wed., 10:30.*
Laboratory, Tue., Wed., Thur., Fri., Sat., 2 to 4.

7. **ADVANCED INORGANIC CHEMISTRY:** Lectures, recitations and laboratory practice. Chiefly concerned with the principles of theoretical chemistry, chemical philosophy, physical chemistry and laboratory experiments illustrating the same. Preparation of a few of the more difficult typical inorganic compounds. Prerequisite, Course 3.

This course is especially recommended to those who desire a more thorough knowledge of the principles and facts of general chemistry than is given in the elementary courses.

Fall: { *Lecturers, Tu., Wed., Fri., 11:30.*
Laboratory, Tu., Wed., Fri., from 2 to 4.

- [8. **GENERAL ORGANIC CHEMISTRY—Introductory Course:** Lectures, recitations and laboratory practice. The principles of organic chemistry, together with the preparation (and a study of the properties) of a series of typical compounds of carbon. Prerequisite, Course 3.]

Winter: { *Lectures, Tu., Wed., Fri., 10:30.*
Laboratory, Tu., Wed., Fri., 2 to 4.

- [9. **GENERAL ORGANIC CHEMISTRY—Advanced Course:** A supplementary continuation of Course 8. Prerequisite, Course 8.]

Spring: { *Lectures, Tu., Wed., Fri., 10:30.*
Laboratory, Tu., Wed., Fri., 2 to 4.

The Laboratory fee for Courses 1, 2 and 3 is \$3.00; for all other courses is \$4.00. These fees are for each term, *payable in advance*. The more expensive chemicals, breakage and other damage to apparatus will be charged extra.

GEOLOGY.

PROFESSOR BRUNER (in charge).

General Statement.

The instruction offered in this department is intended as an introduction to the entire field of Geological science. The subject-matter of the courses is believed to include that which is most interesting to the student, and at the same time most valuable to the average citi-

zen. The collections in the museum are ample for illustration of the work outlined below.

Courses.

1. GEOLOGY, DYNAMICAL AND STRUCTURAL: (1.) The dynamical agencies now at work on the earth's crust. Among special topics are: Earthquakes, volcanoes, geysers, coral reefs and islands, glaciers.

(2) The structure of the earth's crust; stratified, igneous and metamorphic rocks; origin of mountains; faults, dykes, mineral veins; erosion effects.

Course I in chemistry is recommended as a preparation.

Leconte's Elements of Geology. Recitations and demonstrations.

Winter, 9.

- [2. GEOLOGY, HISTORICAL: The development of the North American Continent; evolution of the life of the globe.

Leconte's Elements of Geology. Recitations and demonstrations.

Winter, 9.]

MATHEMATICS.

PROFESSOR THRASHER.

General Statement.

This department aims to secure—

(1) General intellectual discipline, and

(2) Special preparation for professional work or advanced study.

To secure the first, the student will be required to show evidence of clear comprehension of terms and processes of reasoning; to give, with fullness, the steps leading to conclusions, with authority for statements made.

Principles will be exemplified by numerous problems and theorems. Attention will be called continually to fertile principles and expedients likely to be needed in advanced mathematical study.

Courses.

- *1. Solid Geometry, with large selection of original problems and theorems. The resulting mensuration formulae memorized and illustrated by example.

Fall, 10:30.

*Required for entrance after '98-'99.

2. Plane and Spherical Trigonometry, Mensuration and Land Surveying, with elementary City Surveying. There will be given the elements of Topographical Surveying, Road-beds for Highways and Railroads, Ditches, Excavation and Fill, with practice in the use of the necessary instruments. *Winter, 10:30.*
- [3. Advanced parts of Algebra, including Series, Chance, Choice, Indeterminate Coefficients, Imaginaries, Differential Coefficients, General Theory of Equations, Sturm's Theorem and Horner's Method, with Elements of Determinants. *Winter, 10:30.]*
4. Analytics, Plane and Solid (Bowser). *Fall, 9:00.*
5. Differential Calculus (Bowser). *Winter, 9:00.*
6. Integral Calculus (Bowser). *Spring, 9:00.*
7. Analytical Mechanics (Bowser). *Fall, 2:00.*
8. Diff. Calc. adv. (Byerly). *Winter, 2:00.*
9. Integ. Calc. adv. (Byerly). *Spring, 2:00.*
- [10. Diff. Equations (Murray or Johnson). *Fall, 2:00.]*
- [11. Higher Plane Analytics. *Winter, 2:00.]*
- [12. Higher Solid Analytics. *Spring, 2:00.]*
13. Gen. Astronomy (Chas. Young). *Spring, 11:30.*

NOTE—Courses 8 and 9 presuppose 4 for mature, or 6 for immature, students. Courses 11 and 12 may follow Course 4 or later. Course 10 will presuppose 4, 5, 6, or 4, 8, 9.

In the Sophomore, Junior and Senior years a selection may be made of a sufficient number of courses from 4 to 13 inclusive to satisfy the allowed elective mathematical work, subject only to the condition that the requisite preliminary work has been taken.

PHYSICS.

PROFESSOR KARSLAKE (in charge.)

General Statement.

The courses offered in this department aim to present the subject of General Physics in a more thorough, careful and extended manner than is the case in an elementary presentation of the subject. The instruction is given by means of text-book and lectures, which are fully illustrated by numerous class-room experiments and are supplemented by recitations, written examinations and the solution of problems. Taken together, the courses offered are equivalent to one year's work, and are so arranged as to enable a student to take them all if he so desires. They are only open to those who have had Elementary Physics (see Entrance Requirements), and Courses 1 and 2 in Mathematics.

Courses.

1. GENERAL PHYSICS—Mechanics and Heat.
Mechanics—Laws of Motion; Falling Bodies; Projectiles; Statics; Energy; Moment of Inertia; Hydrostatics; Capillarity; Hydraulics, etc.
Heat—Nature; Sources; Distribution; Effects; Calorimetry; Thermo-dynamics, etc. *Fall, 9.*
2. GENERAL PHYSICS—Sound and Light.
Sound—Nature; Sources; Reflection; Intensity; Interference; Pitch; Quality; Harmony, etc.
Light—Nature; Sources; Reflection; Refraction; Polarization; Interference; Dispersion; Color, etc. *Fall, 9.]*
3. GENERAL PHYSICS—Magnetism and Electricity.
Magnetism—Magnets; Polarity; Induction; Lines of Force, etc.
Electricity—Frictional; Voltaic; Effects of Electric Currents; Electrical Quantities; Electro-dynamics, etc. *Fall, 9.]*

PHYSICAL CULTURE.

PROFESSOR ZINK, DIRECTOR.

General Statement.

The department of Physical Culture is established with the view of promoting the best health of the individual, to enable him to co-ordinate muscular movements more quickly, and with grace, to provide for greater physical symmetry, and to inculcate a knowledge of the functions of his own body. To facilitate these ends a modern college gymnasium has been provided, well equipped with necessary apparatus and furnished with good dressing rooms, lockers and shower baths. The gymnasium building is under the complete supervision of a competent director, or his assistant, in whose absence the building will be closed. Dangerous exercises and "tricks" will not be encouraged, since the department does not aim to develop athletes. As far as possible all gymnasium and class work will be based upon careful physical examination of the vital organs, muscular symmetry and strength tests, the records of which are, at all times, open to the student or his parents. All practical work in the department is Hygienic, Corrective, Pedagogical and recreative in nature, and all students will be required to complete six courses for graduation, three of which must be taken in either the Freshman or Sophomore year.

Students debarred from exercise by some physical disability, or continued medical treatment, will be compelled to furnish a certificate from some reputable physician, stating nature of the disability, length of time student has been under medical treatment, and definite reasons for acceptance of excuse. These certificates must be presented to the director in charge of the department at the beginning of each term; the college reserving the right to accept or reject the same, if the above requirements are not fulfilled, or if, upon investigation, the student is judged capable of taking the work. Provision will be made for special work for any students incapable of taking regular course work, the director co-operating with the physician in endeavoring to secure the best results for the student.

Gymnastic costumes will be required of all students taking work in the Department of Physical Culture. These must be worn during all class exercises, and no student will be allowed the gymnasium floor unless clad in the regulation costume. The costume of the young ladies will consist of bloomers and blouse (or sweater), preferably of some dark material, and rubber soled shoes. The costume of the young men will consist of the regulation Turner trouser, quarter sleeve Jersey shirt and rubber soled shoes, costing in all about \$3.50.

Courses.

- 10, *a.* Military marching, Swedish work, dumb bell drills, high horizontal bar exercises with swings, parallel bar exercises in traveling leg and thigh work, gymnasium games.

Fall, Tu., Fri., 8.

b. Military marching and beginning of fancy steps, Swedish work adapted to the needs of the class, horse work, turning exercises in various seats, medicine ball exercises, bringing muscles of chest, waist and back well into play, gymnasium games.

Fall, Wed., Sat., 8.

- 11, *a.* Military marching, Swedish and dumb bell drills (prerequisite, Course 10). Buck, distance vaults with various turns. Side-horse, vaults with turns. Long-horse, distance springs and vaults. Rings, swinging exercises in various hanging positions.

Winter, Tu., Fri., 8.

b. Marching and development fancy steps in evolutions. Swedish drills, in progression. Indian clubs, two circle combinations. Parallel bars, various seats and rests. High horizontal bar, exercises in straight and flexed arm hangs. *Winter, Wed., Sat., 8.*

- 12, *a.* Military marching, given in double time. Swedish work, heavy movements of broad range and rapid progression. Dumb-bell drills. Roberts, given rapidly. Side-horse, feints with vaults and circles. Parallel bars, keppes, rolls and springs, given separately, special attention being paid to form. Athletic work. Pole vault, high jump, etc.

Spring, Tu., Fri., 8.

b. Continuation and further development of work proposed in Course 11, b. *Spring, Wed., Sat., 8.*

- 13, a. Marching. Wands, heavy movements in three combinations. Indian clubs, follow movements with two or three combinations. Low horizontal bar, advanced circles, leading up to heavier circles upon high bar. Mats, snap up, head, hand and neck springs.

Fall, Tu., Thr., 11:30.

b. Marching. Swedish work, adapted to needs of class. Indian clubs, two-circle combinations and follow movements. Side-horse circles and seats. Mats, various exercises for co-ordination, and muscular control. Gymnasium games.

Fall, Wed., Fri., 11:30.

- 14, a. Marching. Wands, heavy movements leading into postures. Indian clubs, follow movements with beginning of horizontal wrist movements. Parallel bars, combinations with rolls, shoulder stands, hand-springs, etc. Side horse advanced combinations in circles and turns. Basket ball.

Winter, Tu., Thr., 10:30.

b. Marching. Indian clubs (continuation of Course 13). Poles, two-movement combinations. Apparatus work adapted to needs of the class. Basket ball.

Winter, Wed., Fri., 10:30.

- 15, a. Marching. Indian clubs (continuation of Course 14). Dumb-bell drills, heavy. Mats; work in rolls, dives and springs, with combinations of the same. Athletic work.

Spring, Tu., Thr., 10:30.

b. Marching. Indian clubs, three and four-circle combinations. Poles, three-movement combinations. Apparatus adapted to needs of the class.

Spring, Wed., Fri., 10:30.

GENERAL INFORMATION.

Enrollment and Registration.

The applicant for admission, whether to College, Divinity School or Preparatory Department, will report to the president for enrollment, from whom he will receive a blank to be filled out with a statement of credits due and a plan of studies to be undertaken. For this purpose he will be referred to a professor who will act as his adviser. This registration paper, when properly filled, is to be filed with the registrar, who will issue an order of admission to the classes designated, and a statement of fees due therefor. On presentation to the several professors of this order, with the treasurer's receipt for payment of fees, the student will be admitted to class.

The student is required to enroll his name and register his studies as above directed, each year, on first entering. Enrollment is but once each year. Further registration is provided for as follows: At the close of the Fall and of the Winter terms (dates are fixed in the college calendar) the student will arrange with his advisory professor a plan of study for the following term, which he will at once file with the registrar. On the first day of the following term (date fixed in college calendar) he will report to the registrar, who will issue order, etc., as above stated.

No fee is charged for registration when attended to at appointed time; otherwise a fee of \$1.00 will be charged.

Classification of Students.

The classification of students is based on number of credits due at the beginning of the year. All regular students, candidates for a degree, are registered as sophomores, when they have 35 term-hours to their credit; as juniors, when credited with 80 term-hours; as seniors when credited with 125 term-hours. Entrance conditions must be made good in classes of the preparatory department before

the beginning of the junior year, and students fail of promotion beyond sophomore class, so long as they are in arrears in respect to entrance requirements or in case they have deficiencies in freshman and sophomore prescribed work amounting to more than ten term-hours.

Final Examinations of the Terms.

Examinations in all courses of study are held at the close of each term in the same order as the regular recitations. Students are graded in each study pursued during the term. A student failing in an examination must make such failure good before the beginning of the next following collegiate year, otherwise he will be required to take the work over in the next succeeding class. Absence from examination counts as failure. A student taking an examination at a time other than that appointed for his class must first pay to the treasurer, for the benefit of the library fund, the sum of one dollar. Failure at examination entails forfeiture of class-standing, and so long as a student is in arrears with any examination, he shall not be eligible to *exemption* (see below) in the department in which such examination is due.

Exemption from Examination.

A student, at the discretion of the professor in charge, may be exempted from the final examination of his class in any department, provided he has attained a certain specified degree of excellence in the work done, and provided, further, he shall not have been absent from more than two of the exercises held by his class in that department during the term.

Term Reports.

During the last week of each term a report of the attendance and proficiency of each student is prepared and sent to his parent or guardian, who is earnestly requested to give such report careful attention, or to notify the secretary of any failure to receive it.

Students are graded on a scale of 1 to 5, as follows: 1 is the highest mark, and it indicates unusual excellence; 2 indicates proficiency, and the student receiving it, on certain conditions (see above), is exempt from final term examination; 3 indicates that the student

has attained average proficiency; 4, that the student is allowed to continue on condition of better work; 5 denotes total failure, and that the student receives no credit for the term's work.

The term report made at the close of the Spring term will indicate, also, the student's arrears (if any) in entrance requirements and prescribed work, and will give the number of credits towards graduation, due him, thus showing his classification for the beginning of the following year.

Religious Duties.

All students are expected to attend daily morning devotional exercises in the college chapel, and, on Lord's Day, religious services at such place of public worship as each may elect.

Prizes.

1. A certificate entitling the holder to one year's tuition (tuition and incidental fees, \$31.50) is offered as a prize in oratory, the contest to be held among members of the Sophomore class, and the award to be made to the orator receiving the highest grade.

2. A like certificate is offered as a prize for the best essay, the contest to be held among members of the Sophomore class, and the award to be given to the essayist receiving the highest grade.

3. A like certificate will be given as a prize in debate, provided a student of Butler College shall receive the highest grade in the University primary debate, held annually in preparation for the inter-collegiate debate. To any such student of Butler College this prize will be awarded.

4. A like certificate will be given as a prize in oratory, provided a student of Butler College shall receive the highest grade in the University primary contest, held annually for the selection of representative at the State Oratorical Contest. To any such student of Butler College this prize will be awarded.

Payments to the College.

The fees for tuition, incidentals, apparatus and library are payable at the beginning of each term, and the student to be enrolled in class must present to the instructor in charge the registrar's order of ad-

mission, with the treasurer's receipt for fees. These fees amount ordinarily to twelve dollars per term, as follows :

Tuition fee, \$6 in script, costing....	50
Incidental fee.....	\$10 00
Library fee.....	1 50
<hr/>	
Total per term.....	\$12 00

A special fee is charged students having laboratory work, as follows :

In Chemistry, Courses 1, 2, 3, per course....	\$3 00
In Chemistry, other courses, per course....	4 00
In Biology, per course.....	3 00

In addition to the above fees there is to be taken into the account a gymnasium suit, which, in the case of the young men, hereafter will be furnished by the college, and the price of which will be payable along with the other fees at the beginning of the year. The price of this suit, including shoes, is \$3.50.

The young women provide their own gymnasium suits subject to the direction of the instructor.

A fee of \$1 is charged for special examinations (see p. 95). A fee of \$1 is charged for registration, if the student presents himself for that purpose at any other than the times fixed in the college calendar. A fee of \$5 is charged each person taking the baccalaureate degree. The fee charged for the master's degree is \$10. Fees must be paid before degree will be granted.

The tuition fees of non-resident graduate students are one-half the regular rate, plus the usual fee for special examinations.

Expenses of Residence.

Following are estimates of yearly expenses calculated for the session of thirty-six weeks.

Tuition per year.....	\$36 00	Laboratory fee added.....	\$45 00
Room, board, etc.....	100 80	Choice room.....	108 00
Books.....	15 00	Books.....	15 00
<hr/>		<hr/>	
\$151 80		\$168 00	

The above estimate for room and board is based on rates charged at college residence, board and lodging ranging from \$2.80 to \$3 per week according to location of room. The residence will be under the management of Mrs. Geo. W. Brown, whose name is a guaranty of first-class accommodations. Board is obtainable in private families at from \$3 to \$4 per week. Students who feel it necessary to curtail expenses as much as possible will find rooms to let at lower rates, with facilities for independent house-keeping, or opportunity for the formation of clubs. Any, so desiring, may please address Mr. J. P. Finley, Irvington.

SCHEDULE FOR RECITATIONS.

	8	9	10	10:30	11:30	2	3
FALL.	Greek 13; (16) Pedagogy 8 History 2 English 1; 4 Theology Phys. Culture 10	Latin 1 French 4 German 4; 10 Greek 4; 10 Mathematics 4 Physics 1; (2); (3) Hebrew 1 Ethics 1 Theology	Chapel	Biology 1 Chemistry 1 Sociology 8 Mathematics 1 Latin 7; (10) Theology	Biology 4; (5) Chemistry (4); 7 Latin 4 German 7 Greek 7 Sociology 1 Philosophy 4 English 8; (9) Phys. Culture 13	Biology 1; 4; (5); Laboratory Chemistry 1; (4); 7; Laboratory French 1 German 1; 13; (16) Greek 1 Mathematics 7; (10) English 7; 13 Sociology 3	English 16 Theology
	Greek 14; (17) Pedagogy 9; (10) English 2, 5 Theology Phys. Culture 11	Latin 2 French 5 German 5; 11 Greek 5; 11 Mathematics 5 Geology 1; (2) Hebrew 2 Logic 3 Theology	Chapel	Biology 6 Chemistry 5; (8) Sociology 9 Mathematics 2; (3) Latin 8; (11) Bible 5 Theology Phys. Culture 14	Biology 2 Chemistry 2 Latin 5 German 8 Greek 8 Political Economy 2 Philosophy (5); 6 English 10; (11) Spanish 7	Biology 2; 6; Laboratory Chemistry 2; 5; (8); Laboratory French 2 German 2; 14; (17) Greek 2 Mathematics 8; (11) English 14 Political Science 4	English 17 Theology
WINTER.	Greek 15; (18) Pedagogy 11 History 1 Theology Phys. Culture 12	Latin 3 French 6 German 6; 12 Greek 6; 12 Mathematics 6 Hebrew 3 Theology	Chapel	Biology 7 Chemistry 6; (9) Political Science 5 Psychology 1 Latin 9; (12) English 3 Theology Phys. Culture 15	Biology 3 Chemistry 3 Latin 6 German 9 Greek 9 Political Science 3 Philosophy 7 English 6; 12 Mathematics 13 Spanish 8; 9	Biology 3; 7; Laboratory Chemistry 3; 6; (9); Laboratory French 3 German 3; 15; (18) Greek 3 Mathematics 9; (12) English 15 Sociology 4	English 18 Theology
SPRING.							

Butler Bible College,

IRVINGTON, INDIANA.

1898-'99.

FACULTY.

JABEZ HALL, A. M., Dean, Professor of Homiletics and Pastoral Theology.

A. B., Bethany College, 1865; A. M., *ibid.*, 18—; Pastor of the Christian Church, Wheeling, W. Va., 1865-'72; Euclid Ave. Church of Christ, Cleveland, Ohio, 1872-'89; Seventh St. Christian Church, Richmond, Va., 1889-'97; Professor of Homiletics and Pastoral Theology, Butler Bible College, 1897—.

ALLEN RICHARDSON BENTON, A. M., LL. D., Professor of Biblical Theology.

A. B., Bethany College, 1848; A. M., *ibid.*, 1849; Professor Latin and Greek, Northwestern Christian University, 1855-'61; President Northwestern Christian University, 1861-'68; President Alliance College, 1869-'71; LL. D., Butler College, 1871; Chancellor University of Nebraska, 1871-'76; Professor of Philosophy, Butler College, 1876-'97; President Butler College, 1886-'91; Professor of Biblical Theology, Butler Bible College, 1898—.

BURRIS ATKINS JENKINS, A. M., B. D., Professor of New Testament Literature and Exegesis.

A. B., Bethany College, 1891; Graduate Student Yale University, 1892-'94; Graduate Student Harvard University, 1894-'95; B. D., *ibid.*, 1895; Williams Fellow, *ibid.*, 1895-'96; A. M., *ibid.*, '96; Pastor Third Christian Church, Indianapolis, 1896—; Professor New Testament Literature and Exegesis, Butler Bible College, 1898—.

WINFRED ERNEST GARRISON, B. D., Ph. D., Professor of Church History.

Bethany College, 1890-'91; A. B., Eureka College, 1892; A. B., Yale University, 1894; Yale Theological Seminary, 1894-'95; Divinity School, University of Chicago, 1895-'97; B. D., *ibid.*, 1897; Ph. D., *ibid.*, 1897; Instructor in Disciples' Divinity House, University of Chicago, 1898; Professor of Church History, Butler Bible College, 1898—.

EDWARD SCRIBNER AMES, A. M., Ph. D., Professor of Philosophy and Pedagogy.

A. B., Drake University, 1889; A. M., *ibid.*, 1891; Graduate Student Yale University, 1891-'92; B. D., *ibid.*, 1892; Graduate Student, *ibid.*, 1892-'94; Fellow in Philosophy, University of Chicago, 1894-'95; Ph. D., *ibid.*, 1895; Instructor, Disciples' Divinity House, University of Chicago, 1895-'97; Docent in Philosophy, University of Chicago, 1896-'97; Professor Philosophy and Pedagogy, Butler College, 1897—.

JACOB DORSEY FORREST, A. M., Professor of Sociology and Economics.

A. B., Hiram College, 1892; A. M., *ibid.*, 1892; Graduate Student in Political Science, Ohio State University, 1893-'94; Graduate Student in Sociology, Political Economy and Ethics, The University of Chicago, 1894-'95; Fellow in Sociology, *ibid.*, 1895-'97; University Extension Lecturer in Sociology, *ibid.*, 1896—; Professor of Sociology and Economics, Butler College, 1897—.

_____, Professor of Hebrew and Old Testament Literature.

[To be appointed.]

ORGANIZATION.

Relation to Butler College.

The Butler Bible College is a distinct organization, with its own board of trustees, separately incorporated, consisting of men well known among the disciples of Christ in Indiana. At the same time, however, that it maintains its separate identity, it takes advantage of certain opportunities accorded it by the trustees of Butler College. Its recitation rooms are in the buildings of Butler College; its students have the privileges of the dormitories, libraries, laboratories, gymnasium and other equipment of Butler College, and its matriculates are admitted to the classes of the College of Arts upon the same terms as the matriculates of Butler College.

Trustees.

The following gentlemen have been selected as trustees of the Bible College:

E. P. Wise, Irvington, Ind.; Burris A. Jenkins, Indianapolis, Ind.; Geo. W. Snider, Indianapolis, Ind.; Z. T. Sweeney, Columbus, Ind.; J. H. McNeill, Rushville, Ind., E. S. Ames, Irvington, Ind.; Wm. V. Morgan, Indianapolis, Ind.; A. J. Frank, Lebanon, Ind.; A. B. Philputt, Indianapolis, Ind.; S. M. Cooper, Cincinnati, O.; A. McLean, Cincinnati, O.; John E. Pounds, Irvington, Ind.

Term of Study.

The next annual term of study will begin simultaneously with that of Butler College on Monday, October 3, 1898, and will continue until Thursday, June 22, 1899, when its commencement will be held in conjunction with that of Butler College.

Conditions of Admission.

Three classes of students, who shall satisfy the faculty of their good moral character, may obtain admission to the courses of study in the Bible College, as follows :

(1) Candidates for the degree of Bachelor of Arts in Butler College may elect courses in the Bible College during their Junior and Senior years which shall count toward their academic degree. Juniors may elect one-third and Seniors two-thirds of their work in the Bible College, subject to the rules and approval of the faculty of both colleges.

(2) Bachelors of Arts of any reputable college, or those who satisfy the faculty of the Bible College that their attainments will warrant their admission, who look forward to the degree of Bachelor of Divinity, may become matriculates of the Bible College. Such students are, upon the approval of the faculty, admitted to courses in Butler College on equal terms with academic students, provided that two-thirds of their work be taken in the Bible College.

(3) Special students, who do not wish to obtain a degree, but who are desirous of taking studies in the Bible College, may be admitted provided they satisfy the faculty that their attainments will justify it. For such students no special courses can be arranged other than those provided for regular students.

Election of Courses.

As large a latitude as possible will be accorded students in the election of their courses. It is, however, evident that in most courses a logical order is necessary, and no student will be admitted to any course who has not, in the judgment of the faculty, by previous studies fitted himself for such course.

Degree.

The Bible College will, upon the satisfactory completion of three years of resident study under its faculty, accord to any student who has been admitted to candidacy for the degree, the degree of Bachelor of Divinity.

DEPARTMENTS OF INSTRUCTION.

HOMILETICS AND PASTORAL THEOLOGY.

PROF. HALL.

General Statement.

In this department instruction will be given in the preparation and delivery of sermons. Students will, in addition to courses in Homiletics in the most approved text-books, be required to prepare outlines of sermons. The lives and styles of the greatest preachers will be studied, and select ones of their sermons will be analyzed.

Instruction will also be given in the practical management of churches and pastoral care. Dean Hall's long experience among the best churches in the country enables him to give valuable aid to young men preparing for pastoral work. The subjects of city evangelization and of home and foreign missions will be taught both in the class-room and by institutes of lectures.

In addition to the regular work of this department, the Dean will also offer some courses in Hermeneutics and Old Testament :

Courses.

1. OLD TESTAMENT INTRODUCTION: On the basis of the Revised Version, a course will be provided for students, general in its character and scope. It will be the aim of this study to acquaint the student with the contents of the Old Testament, and the relations which it holds to the right understanding of the New Testament.
Fall, Winter, Spring.
2. SCRIPTURE INTERPRETATION: It will be the aim of this course to thoroughly acquaint the student with the principles and rules of scripture interpretation. The history of Interpretation will be given in a series of lectures.
Fall.

3. **HOMILETICS:** The preparation and delivery of sermons will be taught with the aid of a text-book. Analysis and criticism of masterpieces, original plans, and sermons will be required which will be criticised by the instructor. *Winter.*
4. **PASTORAL THEOLOGY:** This study will be conducted with a suitable text-book, supplemented by institute lecture courses on "Modern Methods in Church Work," and on "City Evangelization." In this course the student will make investigations of the forms of organization and methods of work in the different denominations, both Roman Catholic and Protestant. *Spring.*

BIBLICAL THEOLOGY.

PROF. BENTON.

General Statement.

The aim of biblical theology is to ascertain and formulate the religious, doctrinal and ethical views of each biblical writer, in the order of historical development. Regarding the Bible as containing the historical development of revealed religion, the chief purpose of this department will be the discovery and construction from the history of revelation, of the divine order, methods and doctrines, as found in the Bible.

These courses will be offered to students, partly by means of lectures and partly by text-books, which will be announced later.

In addition to the work belonging strictly to the department of Biblical Theology, Prof. Benton will offer some work in History of Doctrines, Evidences, etc.:

Courses.

1. **BIBLICAL THEOLOGY OF THE OLD AND NEW TESTAMENT, WITH THE HISTORY OF THE CANON:** The study of the canon involves the determination of what constitutes the Holy Scriptures, how formed, their integrity and authenticity. Old Testament Theology aims to trace in a historic way the progressive development of religious ideas, institutions, and Messianic hopes

through the successive stages of development of the Israelitish people.

The study of the theology of the New Testament will aim to give an account of the canon, and a historical presentation of the doctrinal contents of its principal books. *Fall.*

2. **THE HISTORY OF CHRISTIAN DOCTRINE:** This is intended to trace the continuity and development of Christian thought from the apostolic age, through the centuries to the present, embracing Greek, Latin and modern theologies. *Winter.*
3. **APOLOGETICS AND EVIDENCES:** Apologetics will consider the polemical history of the church in its speculative contests with atheism, materialism, rationalism and positivism, as they are related to Christian Theology. Christian Evidences, as a study, has for its aim a statement of the positive and historical evidence of the truth of the Christian scriptures. *Spring.*

HEBREW AND OLD TESTAMENT LITERATURE.

PROFESSOR GARRISON (in charge).

General Statement.

A professor has not yet been appointed to this department, but Professor Garrison will, during the coming year, give instruction in Hebrew. He has been thoroughly equipped for this work by study under Professor Sanders of Yale University and others. The object of this department is to give the student a knowledge of the Hebrew language as preparatory to the exegesis of the Old Testament. The work of the department during the session of 1898-'99 will be confined to linguistics. It is hoped, however, that, in the near future, a professor will be appointed to devote his entire attention to the department.

Courses.

- 1, 2, 3. **HEBREW:** The first term is occupied by a detailed inductive study of the Hebrew text of Genesis I-IV, as a basis for the

mastery of the more common grammatical forms and the elements of etymology and syntax. During the second term the study of the grammar will be continued with more minuteness, and will be accompanied by the reading of selected passages of easy Hebrew. In the third term the emphasis will be laid upon more rapid reading, including sight reading, and the acquisition of a vocabulary embracing most of the words of frequent occurrence in the Old Testament. One hour a week will be devoted to careful grammatical work. The course is intended to give a sufficient acquaintance with the language to enable the student to use it with accuracy and a fair degree of ease in exegetical and critical study of the Old Testament.

Fall, Winter, Spring.

NEW TESTAMENT LITERATURE AND EXEGESIS.

PROFESSOR JENKINS.

General Statement.

It is the purpose of this department to put the student in a position to acquire an intimate knowledge of the New Testament Scriptures. It is not so much the purpose to impart that knowledge as to teach the student how to acquire that knowledge for himself. To this end the principles of the Greek Grammar of the New Testament will be inductively taught upon the basis of the New Testament text itself. Thorough as well as cursory reading of the Greek Testament will be required, passages both in the original and in English will be memorized, and such a general working knowledge of the New Testament will be imparted as will enable the student to pursue his studies systematically while in the pastoral work. Instructions in the doctrines of the New Testament and its homiletical value will not be neglected. Some idea of the state of the world at Christ's coming, of the literature then influencing mankind and especially the Hebrew people, a general knowledge of the life of Christ, the early years of Christianity, and the literature of New Testament times will be given.

For admission to the regular courses of this department, a working knowledge of Greek is indispensable.

Courses.

- 1, 2, 3. NEW TESTAMENT GRAMMAR AND EXEGESIS: This course contemplates a thorough drill in the principles of the grammar of the Greek New Testament, and of New Testament exegesis, on the basis of a careful study of the Greek text of certain passages. The books of Mark, Galatians, and Hebrews will be more or less minutely read; and extended selections from the New Testament will be rapidly read, often at sight, to accustom the student to the easy handling of his Greek New Testament. Westcott & Hort's or the Revisers' Greek Text, Thayer's New Testament Lexicon, and Buttman's (or Winer's) New Testament Greek grammar are required. *Fall, Winter, Spring.*
4. NEW TESTAMENT INTRODUCTION: This is a seminar course for advanced students. The Pauline epistles will be studied as to time and place of writing, object, destination, structure, doctrines, style, genuineness, etc. Weiss's New Testament introduction will be used as a basis. Weekly themes will be required. *Fall.*
5. THE GOSPELS AND THE LIFE OF CHRIST: This will be a course based upon the English text of the New Testament and designed to meet the needs of the academic students in their required Bible study. The course will be more or less popular and an attempt will be made to render it attractive to the undergraduate students. The life of our Lord will be chronologically studied with the aid of the best popular works on the subject and a text-book will be required. Occasional themes will be expected. *Winter.*
6. ACTS OF THE APOSTLES: This is a seminar course for advanced students, and consists of a minute and careful study of that book of the New Testament, which, at present, forms the center of interest among many New Testament scholars. The problems connected with the introduction to the book will be carefully examined, and the text read. *Spring.*

CHURCH HISTORY.

PROFESSOR GARRISON.

General Statement.

4. It is the aim of this department to familiarize the student with the course of Christian history from the earliest times to the present. Attention will be given to the great epochs of the history of the church, and the course of the development of Christian doctrine will be traced. The history of American Christianity will be examined, and especial study will be given to the restoration movement of Alexander Campbell. It will be the aim of the department to equip the student for an intelligent wider reading in the realm of church history.

Courses.

- 1, 2, 3. An attempt will be made to gain a connected view, in outline, of the entire course of Christian history from the days of the apostles to the present time. Especial emphasis will be laid upon three periods, and about these periods respectively will gather the work of the three terms. (1) The beginnings of Christianity, the development of the Catholic church and the primacy of Rome. (2) The Reformation; the need of it and preparation for it; its principles, leading actors and principal events in Germany, France, England, and Scotland; immediate results of the religious revolution. (3) Protestant Christianity in England and America, with special reference to the planting of Christianity in this country. The work of the course will consist of recitations, with occasional lectures by the instructor and reports by members of the class upon topics assigned for special study. *Fall, Winter, Spring.*

PHILOSOPHY.

PROFESSOR AMES.

General Statement.

In addition to the foregoing courses the following courses in the departments of Philosophy and Sociology of the College of Arts are recommended for election.

In many ways the study of Philosophy has significance for the training of the minister. The fundamental problems of religion, concerning God, Nature, and Man are also the ultimate problems of philosophical inquiry. In the history of philosophy the student becomes familiar with the statement of these problems, their difficulties, and the progressive attempts at their solution. He is thus given a method by which to understand and cope with the profound questions of present day thought in their theoretical formulation. The special philosophical disciplines, such as ethics, logic, and especially psychology, are not only essential to general culture but are vital to the work of the minister. The following outline of courses will indicate further the significance of the subjects treated.

Courses.

1. **PSYCHOLOGY—ELEMENTARY COURSE:** It is the purpose of this course to acquaint the student with the scope and method of the science, with the nature and activities of the mind, and with the laws and processes of mental development. Special references to various authors will afford opportunity to adapt the course to the special interests of individual students. Text, James' Psychology, brief course. *Spring.*
2. **ETHICS:** The conceptions of moral obligation, virtue and freedom are treated psychologically and critically. An analysis is made of character, habit, desires and ideals from the psychological and ethical points of view. The institutions of the family, state and society and the duties they involve, together with the factors in moral progress, will be outlined. Practical problems will be taken up in discussions and papers. Text, Mackenzie, Manual of Ethics. *Fall*

4. **HISTORY OF ENGLISH PHILOSOPHY FROM HOBBS TO HUME:** Selections from the principal writings of Locke, Berkeley and Hume will be critically read and discussed. A study of these philosophers is a natural and suggestive introduction to the main problems of philosophy, and particularly to the thought of the present time. The connection between philosophical conceptions, literature, social and religious conditions will be noted. *Fall.*
6. **KANT AND GERMAN IDEALISM:** After a careful reading of Watson's Selections from Kant's Critique of Pure Reason, the development of modern idealism will be studied in the systems of Fichte, Schelling, and Hegel. A brief survey of later writers will connect this period with present movements of thought. *Winter.*
7. **HISTORY OF ANCIENT PHILOSOPHY:** The beginnings of philosophy in Greece are traced, and also the development of speculative thought in the schools of Socrates, Plato and Aristotle. Several of Plato's dialogues and selected portions of Aristotle's works will be read. On account of the prevalence and influence of Greek thought at the beginning of Christianity, this course is recommended to theological students. *Spring.*

SOCIOLOGY.

PROFESSOR FORREST.

General Statement.

The work of this department is of deep interest to any student preparing for the Christian ministry. Any and all phases of social life have their bearing upon the pastor's work. Every minister, both as a citizen and as a public teacher, must constantly pass judgments upon social facts and forces, and should therefore be able to speak and act intelligently. The fundamental principles of the gospel are unchanging, but the conditions under which those principles are to be applied are largely determined by the social life of the times. It is, therefore, important that the minister should thoroughly under-

stand the society which largely determines the lives of the individuals to whom he is to preach.

The scope of the department is stated as follows in the catalogue of the COLLEGE OF LIBERAL ARTS. "The primary aim of this department is to train students in the observation of social phenomena and reflection on social relations, to the end that they may be prepared to discharge their duties as members of society. But in addition to such introductory courses as are essential to a liberal education further courses are offered which, on the one hand, will prepare students for advanced specialization in the various social sciences, and, on the other, will furnish a broad foundation for professional studies. In all courses the effort is made to give students the *methods* rather than the *results* of social study, and wherever it is practicable the student is encouraged to make independent and first-hand investigations."

Courses.

1. INTRODUCTION TO SOCIOLOGY: This course embraces a brief historical review of the development of social institutions, but is chiefly concerned with an analysis of existing society. It aims to give a general view of the more important social phenomena, and their relations to one another, and to develop a method of social study. *Fall Term.*
2. POLITICAL ECONOMY: The economic side of life is of such fundamental importance and exercises such an influence in shaping ethical and religious thought that the minister can scarcely be considered equipped without some knowledge of economics. This course gives a general introduction to the principles of the science. *Winter Term.*
3. ORGANIZED PHILANTHROPY: Every practical Christian worker is frequently obliged to deal with the dependent classes; and yet, Christian sympathy, unless directed by a knowledge of the conditions involved, frequently leads to more harm than good. In this course a study will be made of the causes of poverty and methods of amelioration. The department enjoys the hearty co-operation of the excellent Charity Organization Society of Indianapolis and is thereby enabled to make a thor-

ough study of the charities of the city. Such agencies as the social settlement, the institutional church, the labor colony, etc., will also receive consideration. The student will be expected to make a personal investigation of actual conditions found in the city. *Fall Term.*

8. **SOCIAL PSYCHOLOGY:** A study of the interaction of human minds in association, showing the organic relation of the individual to society and the psychical side of social organization and development. Aside from the general importance of this course, it will have a special interest to the ministerial student, since it considers the psychical phenomena which arise when large numbers of people are brought together, and the meaning of co-operation. The course must be preceded by an introductory course in psychology. *Fall Term.*

9. **SOCIAL ETHICS:** A course which uses the data of the preceding course in examining the influence of society over the ethical life of the individual. *Winter Term.*

SPECIAL LECTURES.

During the past year institutes of lectures have been given by the following speakers:

1. New Testament Institute, Burris A. Jenkins, pastor of Third Christian Church, Indianapolis.
 2. Foreign Missionary Institute, A. McLean, secretary of the Foreign Christian Missionary Society, Cincinnati, Ohio.
 3. Home Missionary Institute, Benj. L. Smith, secretary of the American Christian Missionary Society, Cincinnati, Ohio.
 4. Protracted Meeting, with lectures in Bible Study, B. B. Tyler, member of the International Sunday-School Committee, New York.
- Similar courses of lectures will be secured for the coming year.

PUBLIC SPEAKING.

In addition to the instruction in Homiletics, the Bible students are admitted to the elocution classes of the college, and to the literary societies. An atmosphere favorable to the cultivation of oratorical ability is manifest in Irvington.

RELIGIOUS PRIVILEGES.

The Downey Avenue Christian Church, E. P. Wise, pastor, is in close connection with the college, both locally and sympathetically. Prominent preachers, from time to time, are invited to visit the town and college. Furthermore, the churches of Indianapolis are easily accessible with the religious services and lectures furnished by them. The Young Men's and Young Women's Christian Associations are open to all students, both in the college and in the city of Indianapolis, and Christian Endeavor Societies are established and flourishing in the neighboring churches. An atmosphere of spirituality and devotion is fostered under the thoughtful and careful supervision of Dean Hall.

MUSICAL AND LITERARY OPPORTUNITIES.

The city of Indianapolis and its suburbs constitute a center of culture unsurpassed in the West. Concerts and musical instruction are obtainable equal to the best in the country. Lectures and literary advantages are open to the students which are not obtainable in any institution not in the immediate neighborhood of a city of equal cultivation.

SOCIAL ADVANTAGES.

The best homes in Irvington and Indianapolis are hospitably open to the students both of the College of Arts and the College of the Bible. The churches furnish a ready and easy means of introduction to the social life of the city, while the standing of the college in the community recommends the student to the consideration of the people of Irvington.

PHYSICAL EXERCISE.

The college gymnasium, tennis courts and athletic field are accessible to the Bible students, and the men are encouraged to take an adequate amount of exercise in order that their physical and mental welfare may be conserved.

BOARD AND EXPENSES.

The actual expense of attendance upon the Bible College is as low as that of any similar institution in the country. The tuition is the same as that of Butler College, twelve dollars a term for each of the three terms. Board may be secured in the college dormitory for \$3 a week, including furnished room, or for even less than this amount in students' clubs in the town. Although the faculty discourages so rigid an economy as might be detrimental to the health and vigor of the students, yet certain authorized clubs will be formed which will furnish good table board at the lowest possible rates that can be obtained in any college in the country. These are the chief items of expense which the student will be compelled to meet, aside from books and personal expenses.

BUTLER PREPARATORY SCHOOL.

Instructors.

OMAR WILSON, A. B.,
Principal.

EVELYN MITCHELL BUTLER, A. B.

MARIETTA KIES, PH. D.

Organization.

The Preparatory School was formerly separated from the college proper in the fall of 1890. This division of the work was made possible by the erection of a new building, Library Hall, and by the employment of additional instructors.

Purpose.

As the name suggests, it is the purpose of this school to prepare students for college. Students who expect to enter college will save time by attending a preparatory school. This is verified every year in the case of those who come from schools where the studies are not arranged with reference to college work.

Admission.

In order to enter the First Preparatory, applicants are required to pass examinations in Arithmetic, Physiology, U. S. History and English Grammar. Applicants for admission to the Second Preparatory pass examination on the work of the First Preparatory, and applicants for admission to the Third Preparatory on that of the Second Preparatory. See pp. 94, 95.

Exceptions to the above are made in the case of students from other

colleges and from the Indianapolis schools. Those who have completed the 8 A grade of the Indianapolis common schools may enter First Preparatory upon presenting certificates from their teachers. Those coming from the Indianapolis High School or from other colleges will be credited with whatever work of the Preparatory they have completed, but will be conditioned on all not completed. These will bring certificates from the principal of the high school or the president of the college.

Classification.

Although a student may have the larger part of his work in the Third Preparatory, yet if his deficiency exceed one year's work in one study he will be classed Second Preparatory. A student similarly deficient in the Second Preparatory will be classed First Preparatory.

Entrance Examinations.

CANDIDATES FOR FIRST PREPARATORY.

Thursday, Sept. 29.

Arithmetic	8-10 A. M.
English Grammar	10-12 "

Friday, Sept. 30.

U. S. History	8-10 A. M.
Physiology	10-12 "

SECOND PREPARATORY.

Thursday, Sept. 29.

Latin (one year's work)	8-10 A. M.
General History	10-12 "

Friday, Sept. 30.

English (Reed and Kellogg's Higher Lessons or an equivalent)	2- 4 P. M.
Civil Government	8-10 A. M.
American Literature. See p. 96	10-12 "

THIRD PREPARATORY.

Thursday, Sept. 29.

Latin (Second Preparatory work or an equivalent).....	8-10 A. M.
German (one year's work).....	10-12 "
Greek " " "	10-12 "

Friday, Sept. 30.

English (Second Preparatory work). See p. 97.....	8-10 A. M.
Algebra (To Quadratic Equations).....	10-12 "

It is important that these examinations be taken at the times appointed. Those who fail to attend on the days announced will be admitted to classes only on condition that they take the examinations as early as convenient for the instructors. An extra charge of \$1.00 to each student is made for every irregular examination.

Classes.

In the first year all students have the same studies. In the second and third years the students choose Greek, German or French. With this exception, studies in the Preparatory are not elective.

Physical Culture.

Physical culture twice a week in the gymnasium is required of all Preparatory students. See pp. 96, 98, 99.

Library and Reading-Room.

Preparatory students have the same privileges of the library and reading-room as students in the college.

Contest.

A contest in essay is held during commencement week among members of the Third Preparatory class. To the one gaining first honors is given as a prize a year's tuition and incidental fees, amounting in all to \$31.50. In the contest in declamation of last year first honor was awarded to Samuel Dyson, of Indianapolis; second to Jason Elston, of Irvington; third to Myron Settle, of Irvington.

CLASSES.

First Year.

- I. ENGLISH: (1) Analysis and Syntax; Reed & Kellogg's Higher Lessons in English. *Two hours a week.*

(2) American literature: Selections are studied from Irving, Bryant, Longfellow, Hawthorne, Whittier, Holmes and Lowell. The work is so planned that the student may understand the development of literature in America and may appreciate the influence under which each of the chief authors wrote and also the influence which he exerted on his time. As a guide in this work Brander Matthews' Introduction to American Literature is used. This course seeks not only to make the student acquainted with some of the best American authors, but also to quicken his appreciation of what is really good, and to secure correctness in writing. In connection with this work the class writes short compositions. *Three hours a week.*

- II. LATIN: Collar & Daniell's First Latin Book is used during the first and second terms. In the third term the class reads Viri Romæ. Paradigms are committed as rapidly as possible and exercises in inflection are continued through the entire year. A part of every recitation consists in turning English into Latin. *Five hours a week.*

- III. HISTORY: Myers' General History. *Four hours a week.*

- IV. MATHEMATICS: Wentworth's Complete Algebra as far as simultaneous equations of the first degree. *Three hours a week.*

- V. PHYSICAL CULTURE: Boys: Carefully arranged exercises throughout the year, selected from the following: Swedish movements, low horizontal bar, wand drill, floor work, gymnastic games, buck, parallel bars, walking, running, fancy marching.

Practical talks throughout the year on physiological subjects. Elementary floor work includes all jumps with turns

and scissor-movements. Intermediate floor work includes rolls, dives and combinations of similar character.

Two hours a week.

Girls: Military and fancy marching, free gymnastics, wands and dumb-bells. Exercises from the Emerson and the Swedish systems are also used.

Two hours a week.

Second Year.

I. ENGLISH: (1) Rhetoric: Scott and Denny's Composition and Rhetoric.

One hour a week.

(2) Literature: In the first term the class studies some of Scott's poems and one of his novels, and in the second term one of Shakspeare's plays. The authors studied during the third term are selected from the list recommended by the committee on college entrance examinations in English.

Three hours a week.

(3) Elocution: The work consists of exercises in respiration, voice culture and orthoëpy. Prose and poetical selections are analyzed for the purpose of bringing out the thought in the most expressive manner. Shoemaker's Practical Elocution is used as a text-book.

One hour a week.

II. LATIN: In the first and second terms the class reads four books of Cæsar, and in the third term Cicero's four orations against Catiline. There is daily exercise in prose composition, either oral or written. Text-book, Bennett's Latin Composition.

Five hours a week.

III. GREEK: White's First Greek Book.

"In order to be able to read even simple Attic prose at sight one must know the usual forms of the Greek language, its ordinary constructions and its general vocabulary. These three things are absolutely necessary."

Recitations are both oral and written. Students have daily practice in translating Greek into English and also in turning English sentences into Greek.

Five hours a week.

Or

GERMAN: Joynes-Meissner's Grammar. Either Joynes' or Whit-

ney's Reader is taken up as soon as the class is far enough advanced to begin reading. In this year it is intended to ground the student well in the principles of German grammar, to teach him to acquire a vocabulary and to construct sentences easily and naturally. *Five hours a week.*

IV. MATHEMATICS: Wentworth's Complete Algebra is taken up in the first term and continued through the year. Class completes the work as far as Logarithms. *Three hours a week.*

V. PHYSICAL CULTURE (Boys): Work in the gymnasium throughout the year, as follows: Swedish movements (advanced), dumb-bell drill (elementary and intermediate), parallel bars, horse, floor work, basket ball, indoor athletics, heavy wand drill, high horizontal bar (elementary).

Each day's exercises to begin with a short, sharp run of from three to five minutes. Heavy wand drill includes bayonet practice. *Two hours a week.*

(Girls): Exercises much the same as that of the first year.

Two hours a week.

Third Year.

I. ENGLISH: (1) Rhetoric. Scott and Denny.

Versification. Parsons.

First and third terms. *One hour a week.*

(2) English Literature: In the first term the class studies the Idylls of the King and other poems. These are made the basis of the composition work.

First and third terms. *One hour a week.*

(3) Mythology: In the third term of the year the class studies Greek, Roman and Norse Mythology, using as text-book Gayley's Classic Myths in English Literature. Class is required to learn the story of the Iliad, the Odyssey, and the Æneid. References are made to the works on mythology in the college library. It is the purpose to awaken the student's interest in mythology, and to give him an intelligent conception of its main ideas. First and third terms. *Two hours a week.*

(4) Elocution: Continuation of the work of the second year in respiration, voice culture and orthoëpy. The elements of

vocal expression and action are taken up with the further analysis of selections. First and third terms. *One hour a week.*

- II. LATIN: Two longer orations of Cicero are read the first term and five books of Virgil the second and third terms.

In composition the class uses Allen's Introduction to Latin composition. *Five hours a week.*

- III. GREEK: Four books of Xenophon's Anabasis are read in the first and second terms and Xenophon's Symposium in the third term. Composition every day. Goodwin's Grammar.

Five hours a week.

Or

GERMAN: (a) The class reads such easy prose as that of Riehl, Hauff and Heyse. The learning of the vocabularies is especially emphasized. Training in word analysis is begun and attention directed to the affixes and their functions. Reading.

Three hours a week.

(2) Composition—Harris. In addition to this there are exercises in composition based upon the texts read.

Two hours a week.

- IV. MATHEMATICS: Wentworth's Plane and Solid Geometry. The work is completed in this year. *Three hours a week.*

- V. SCIENCE: Physics: Carhart and Chute's Elements of Physics. This work is completed in the year. Special attention given to the solution of problems. Second and third terms.

Five hours a week.

- VI. PHYSICAL CULTURE (Boys): Gymnasium work throughout the year as follows: Dumb-bell drill (advanced), low horizontal bar (advanced), wrestling (elementary), Indian clubs (intermediate), high horizontal bar (elementary), posture and relaxation drills, floor work, basket ball, long horse, ladders (elementary and intermediate).

Practical talks each day. *Two hours a week.*

(Girls): Course of first and second years continued.

Two hours a week.

CATALOGUE OF STUDENTS.

Degrees Conferred—Commencement 1897.

Bachelor of Arts.

WILLIS MARVIN BLOUNT,
CLARENCE ABRAM BRADY,
LULU BELL BREVOORT,
FRANK THURMAN BROWN,
ROBERT ALEXANDER BULL,
JAMES CALVIN BURKHARDT,
JESSIE LANIER CHRISTIAN,
WALTER CLEMENTS CLARKE,
ETHEL ROUS CURRYER,
VIRGIL BYRON GING,
SAMUEL ALLEN HARKER,
CARRIE REBECCA HOWE,
CHLOË FRANCES HULL,
MODDIE JEFFRIES,
WALTER SCOTT KING,

GEORGE WASHINGTON KNEPPER,
JOHN THOMAS LISTER,
SAMUEL MCGAUGHEY,
HOWARD HODGES MAXWELL,
FRANK CLIFT OLIVE,
ALONZO SWAIN ROBERTS,
THOMAS ROERTY SHIPP,
IRA BURNS SHRADER,
EMMA STRADLING,
NETTIE SWEENEY,
BONA THOMPSON,
MABEL TIBBOTT,
EMMA EDNA WALLACE,
PERCY BARTON WILLIAMS.

Master of Arts.

HORACE ELLIS, A. B.

BELLE HOPKINS UPDEGRAFF, A. B.

Doctor of Philosophy.

JOHN WILBERT BARNETT, A. M. CHARLES ALBERT RILEY, A. M.
CHARLES AUGUSTUS STEVENS, A. M.

PRIZES AWARDED.

Sophomore Oration, June, 1897:

CHARLES HERBERT BASS, '99.

Representative in State Oratorical Contest:

EZRA CLAYTON ROBERTS, '98, Kokomo.

Representatives in Inter-Collegiate Debate:

ROBERT WILSON HOBBS, '99, Indianapolis.

CARL RAYMOND LOOP, '00, New Ross.

GRADUATE STUDENTS.

BLOUNT, WILLIS MARVIN, A. B.....	Irvington.
BURKHARDT, JAMES CALVIN, A. B.....	Irvington.
BUTLER, EVELYN MITCHELL, A. B.....	Irvington.
LISTER, JOHN THOMAS, A. B.....	Brookston.
MOORE, KATE, A. B.....	Irvington.
VAN VOORHIS, WILLIAM DOWLING, A. B. (Hiram).	Bladensburg, O.
WOLDT, MAE, B. S. (Michigan).....	Indianapolis.

SENIORS.

DALRYMPLE, VIRGIL	Irvington.
GRAHAM, ERRETT MCLEOD.....	Irvington.
RIOCH, DAVID.....	Hamilton, Can.
ROBERTS, EZRA CLAYTON.....	Kokomo.
WASHBURN, ANSON HARVEY.....	Petoskey.

JUNIORS.

BASS, CHARLES HERBERT.....	Irvington.
BYRAM, PERCY MAGNUS.....	Irvington.
CAMPBELL, ELIZABETH.....	Irvington.
COX, WILLIAM HARRISON.....	Bloomfield.
GRAHAM, ERNEST BURGESS.....	Irvington.
HOBBS, ROBERT WILSON.....	Indianapolis.
KINGSBURY, SARA.....	Indianapolis.
MCGROARTY, CHARLES JOSEPH.....	Indianapolis.

MARSEE, MARY.....	Indianapolis.
MOORMAN, ELVET EUGENE.....	Paoli.
STEVENS, JAMES HENRY.....	Victoria, Australia.
WARD, ALBERT LUTHER.....	Irvington.
WILSON, WILMER.....	Irvington.

SOPHOMORES.

ADAMS, DANIEL SHIMER.....	Wanamaker.
ATHERTON, JOHN WHISLER.....	Cumberland.
BLOUNT, EFFIE PATTERSON.....	Irvington.
BRIDGES, FRANK LANDERS.....	Indianapolis.
BUTLER, ELIZABETH ANNE.....	Irvington.
BUTLER, WALTER GRESHAM.....	Indianapolis.
CAYLOR, IDA CATHERINE.....	Irvington.
CLELAND, ETHEL.....	Indianapolis.
CLINTON, EMMA AGNES.....	Indianapolis.
DEPUTY, MARY.....	Indianapolis.
EDGEWORTH, ANNA.....	Irvington.
GRAHAM, MARY CHARLOTTE.....	Irvington.
GRIGGS, NELLIE MAY.....	Irvington.
HAUK, MABEL.....	Indianapolis.
HELMING, EMILY.....	Indianapolis.
KEAY, EDITH.....	Indianapolis.
KENLEY, ELLA LILLIAN.....	Camby.
KERN, PENELOPE VIRGINIA.....	Kokomo.
LITTLE, BERTHA MAY.....	Irvington.
LOOP, CARL RAYMOND.....	New Ross.
LOOP, MARION.....	Mace.
MASON, BERTHA.....	Asheville, N. C.
MEHRING, ORVAL.....	Indianapolis.
MILLER, ELIZABETH JANE.....	Indianapolis.
NOEL, BLANCHE.....	Indianapolis.
PORTTEUS, ANSON LEROY.....	Marion.
ROBERTS, ETHEL BOOR.....	Irvington.
THOMPSON, EDWIN ELBERT.....	Glenn's Valley.
TOWLES, FRED.....	Irvington.
WILLIAMS, ANNA HOLTON.....	Wabash.

FRESHMEN.

AMOS, MARTIN CONRAD	Cumberland.
ARMSTRONG, JESSAMINE	Kokomo.
BOSART, OSCAR MURRAY.....	Irvington.
BROWDER, EMMA TWEED.....	Indianapolis.
CARR, JOHN RAYMOND.....	Wanamaker.
CARTER, FRANK L.....	Indianapolis.
CHAMBERLIN, MARTHA NELSON	Maywood.
CLIFFORD, GRACE JANE.....	Indianapolis.
CRAYCRAFT, MABEL.....	Noblesville.
CUNNINGHAM, JOHN MILTON.....	Fincastle.
CUNNINGHAM, MAY.....	Fincastle.
CUSTER, BYRON JUSTICE.....	Logansport.
DAVIS, LAWRENCE BOWEN.....	Indianapolis.
ELWELL, PEARLE.....	Covington.
EMRICH, CORA.....	Indianapolis.
GLASCOCK, LA VERNE.....	Covington.
GOOKIN, GRACE FREDERICK.....	Indianapolis.
HANNA, MORRIS McDONALD.....	Irvington.
HANNA, THOMAS HOLLIS.....	Irvington.
HAWKINS, MARY.....	Noblesville.
JOHNSON, EMSLEY WRIGHT	Eck.
JONES, BYRON	Haughville.
LOCKHART, JESSIE ELIZABETH	Indianapolis.
LUDLOW, OVID MYRON.....	Irvington.
MCCLELLAND, HERBERT HARDING	Clermont.
MCCONNELL, JOSEPH.....	Cumberland.
MCGAUGHEY, CARL WILLIAMSON.....	Irvington.
MARTIN, MARIE EVANGELINE.....	Irvington.
MOORE, WILLIAM RICHARD.....	Wanamaker.
OVERHISER, CLARA ALICE.....	Indianapolis.
PIERCE, ROY.....	Westfield.
PIXLER, FRANK RAY.....	Delphi.
POWELL, EDWIN SYLVESTER.....	Irvington.
RANDALL, LENA MAINE.....	Oneida, N. Y.
SAYLOR, SUSIE.....	Southport.
SCOTT, ROSS REID	Somerset, Pa.

SMITH, SOPHIA ADELAIDE.....	Fountaintown.
STEVENSON, KATHARINE.....	Indianapolis.
SWEENEY, JOSEPH IRWIN.....	Columbus.
TRAUB, HOMER LEWIS.....	Sabine.
VAN SICKLE, PIERRE.....	Fenton.
WALTON, SHERLEY STANTON.....	Atlanta.
WATTS, SHELLEY DIGGS.....	Winchester.
WILEY, HERBERT KEATON.....	Indianapolis.
WILHITE, JESSIE GARFIELD.....	Irvington.
WILLIAMS, JOHN SHERMAN.....	Wabash.
WILLS, CHARLES MASSEY.....	Greenfield.
WOOD, HARRY D.....	Fairmount.

SPECIAL STUDENTS.

ALISCH, EMILY.....	Indianapolis.
BANNING, BESSIE MAXON.....	Irvington.
BERRY, THOMAS FREDERICK.....	Fowler.
BINNINGER, BERTHA.....	Indianapolis.
CONNER, ETHEL.....	Noblesville.
COSAND, VIOLETTA.....	New London.
DARNALL, HUBERT ATHA.....	Lebanon.
DELLETT, EDNA IONIDES.....	Indianapolis.
DUNNINGTON, ALMA MAY.....	Indianapolis.
EWBANK, GERTRUDE.....	Indianapolis.
FRICTSHE, ETTA.....	Indianapolis.
GROVE, CLAUDE ERNEST.....	Indianapolis.
HALTOM, ALFRED LILLIAN.....	Irvington.
HENDRIX, DAISY.....	Irvington.
HOLLINGSWORTH, DANA RAINS.....	Kokomo.
HORWITZ, EDNA AMELIA.....	Indianapolis.
HOYT, ESTHER.....	Indianapolis.
JOHNSON, VIRGIL.....	Boone Groove.
LANCASTER, HORACE.....	Indianapolis.
LUSE, LEWIS.....	Indianapolis.
MANKER, CHARLES.....	Mooresville.
MERRILL, CARRIE.....	Indianapolis.
PARKER, WILLIAM.....	Indianapolis.

PERROTT, ALBERT GODDARD.....	Indianapolis.
SHOVER, ESTHER FAY.....	Indianapolis.
SHRYER, FRANK WILDER.....	Bloomfield.
WALLER, GRANT A.....	
WILLIAMSON, EARLE VAN ROY.....	Greensville, O.
WOLFE, ELVA.....	Windfall.

THIRD PREPARATORY.

BLACK, BRUCE VINCENT.....	Indianapolis.
BLANKENSHIP, NELLIE GRANT.....	Paragon.
BUTLER, OVID McOUAT.....	Irvington.
BYRAM, ANNA.....	Irvington.
DYSON, SAMUEL MYERS.....	Indianapolis.
MOORE, WILLIAM NEWTON.....	Irvington.
RICHEY, VERA MEADE.....	Irvington.
RODNEY, HANNAH HOWELL.....	Irvington.
SETTLE, MYRON CURTIS.....	Irvington.
SHIMER, WILLIAM.....	Wanamaker.
SMITH, MINNIE MARGUERITE.....	Avon.

SECOND PREPARATORY.

BREVOORT, EDNA MAI.....	Columbus.
BROWN, ERNEST THOMAS.....	Wanamaker.
BROWN, JOHN WILLIAM.....	Irvington.
DICKEY, WALTER.....	Indianapolis.
EMRY, JOHN MAHLEY.....	Cumberland.
FRAZIER, BESSIE.....	Irvington.
HADLEY, HARVEY.....	Indianapolis.
HAMILTON, FRANCIS MARION.....	Rushville.
HEINRICHS, HARRY HOWARD.....	Cumberland.
HUNTER, SCOT.....	Irvington.
HUNTINGTON, STELLA.....	Cumberland.
HUTCHINSON, CLARK.....	Acton.
IRWIN, WALTER SCOTT.....	Brightwood.

KUHN, FLOYD WILLIAM.....	Hunters.
LAYMAN, CORA BELLE.....	Irvington.
McCONNELL, MARY GERTRUDE.....	Cumberland.
MONTGOMERY, GEORGE.....	Indianapolis.
POWELL, SARA CHARLOTTE.....	Irvington.
ROSE, WEBSTER CHASE.....	North Salem.
ROYSE, BENJAMIN FRANKLIN.....	Indianapolis.
SHELLHOUSE, MARGARET.....	Irvington.
SHRYER, GEORGE CRESSY.....	Bloomington.
THRASHER, RAYMOND.....	Irvington.
THURSTON, HARRISON SYLVANUS.....	Summitville.
WALLACE, LEW EDWIN.....	Brownstown.
WATERS, ARTHUR EWING.....	North Salem.
WEEK, EDMUND RICHARD, JR.....	Alexandria.
WHEATCRAFT, BRADFORD TODD.....	Greenwood.

FIRST PREPARATORY.

BANTA, HORTON.....	Indianapolis.
BARRETT, FRED ELBERT.....	Indianapolis.
BEARD, LORENZO.....	Roachdale.
BUCHANAN, MERCY.....	Indianapolis.
COSGROVE, PETER.....	Indianapolis.
GEISEL, ALBERT HENRY.....	Indianapolis.
GLICK, EDWARD JOHN.....	
GRIFFITH EDITH CARRIE.....	Irvington.
HUNTER, CLARA ESTELLE.....	Irvington.
KIMBERLIN, ROBERT O'BRIEN.....	Fisher's Station.
LITTELL, HARRY.....	Indianapolis.
MAGILL, JOHN.....	Indianapolis.
RICHEY, SAMUEL HUNTER.....	Irvington.
SELLERS, CHARLES ARTHUR.....	Indianapolis.
SHERIDAN, AARON.....	Indianapolis.
SHOWERS, EARL HULL.....	Indianapolis.
SIMPSON, ARTHUR OTHO.....	Center.
STERN, NATHAN.....	Indianapolis.
TATE, HOWARD.....	Kokomo.
TATE, WILL ILDO.....	Kokomo.

TREES, LEE MACY.....	Manilla.
VANDEVER, JAMES MOSES.....	Shepherd.
WILSON, ASA MORGAN.....	Greenfield.
WILSON, WALTER JAY.....	Indianapolis.
WRIGHT, ETHEL BAKER.....	Alexandria, Ky.

SUMMARY.

Graduate Students.....	7
Seniors.....	5
Juniors.....	13
Sophomores.....	30
Freshmen.....	48
Special Students.....	29
Preparatory.....	64
<hr/>	
Total.....	196

BUTLER ALUMNI ASSOCIATION.

President, OMAR WILSON, '87, Irvington.

Vice-President, ROBERT FRANKLIN DAVIDSON, '92, Indianapolis.

Secretary, JANE GRAYDON, '87, Indianapolis.

Treasurer, THOMAS ROERTY SHIPP, '97, Irvington.

If any friend finds errors in the entry of name, occupation or address of any alumnus as given below he will confer a favor by reporting the correct information to the President or Secretary of the Association.

CLASS OF 1856.

PHILIP BURNS, A. B., Minister (Died Oct. 16, 1857) . Port Sarnia, Can.

NANCY E. BURNS, B. S. (M. S., 1859), (Mrs. A. M.

Atkinson). Wabash.

JOHN KIMMONS, A. B. (A. M., 1859), Minister . . . Missouri.

CLASS OF 1857.

T. C. ELLIOTT, B. S. Iowa.

W. G. HASTINGS, B. S. Missouri.

CLASS OF 1858.

CYRUS NERVA BLOUNT, A. B. (A. M., 1861), (M. D.,

Jefferson Medical College), (Died Dec. 28,

1887), Physician. Kokomo.

ORA KNOWLTON, B. S., Farmer. New Brunswick.

W. S. MAJOR, A. B. (A. M., 1861), Journalist. . . . Chicago.

JESSE WALDEN, A. B. (A. M., 1861), Minister. . . . Lancaster, Ky.

CLASS OF 1859.

- I. N. BINFORD, B. S., Lawyer (Died March 10, 1890).....Indianapolis.
 ELI V. BLOUNT, A. B., Lawyer (Died Oct. 29, 1859).....Tipton.
 BARZILLAI M. BLOUNT, A. B. (A. M., 1862), Minister.Irvington.
 OVID D. BUTLER, A. B. (A. M., 1862), The BlacherneIndianapolis.
 AARON D. GOODWIN, A. B. (A. M., 1862), Teacher (Died 1892)Salina, Kansas.
 PERRY HALL, A. B. (A. M., 1862), Minister (Died in service as Chaplain, October 27, 1862) . . .Indianapolis.
 LEVI HANSON, A. B. (A. M., 1862) Teacher.....Missouri.
 JACOB T. LOCKHART, A. B. (A. M., 1862), (Deceased).....Spokane, Wash.
 ESTEL R. MOFFET, B. S., Lawyer (Deceased)....Rushville.
 A. M. MOTHERSHEAD, B. S. (With Waller & Co., cor. Randolph and La Salle Sts.)Chicago, Ill.

CLASS OF 1860.

- JOHN P. AVERY, B. S., M. D., 849 N. East St. . . .Indianapolis.
 GEORGE CARTER, B. S., Lawyer, 114 W. Eleventh St.....Indianapolis.
 JOHN A. CAMPBELL, A.B.(A. M., 1863), M. D.Steamboat Springs, Colo.
 FRIEND C. GOODWIN, A. B., Teacher (Died April 16, 1861).....Indianapolis.
 ANDREW M. GOODBAR, B. S., Lawyer (Deceased).Greencastle.
 ROSS GUFFIN, A. B. (A. M., 1863), (LL. B., Harvard, '61), LawyerKansas City, Mo.
 THOMAS R. LAWHEAD, B. S., Lawyer.....Plainfield.
 WILLIAM W. LEATHERS, A. B. (A. M., 1863), Lawyer (Died in 1875).....Indianapolis.
 WILLIAM NIMON PICKERELL, A. B. (A. M., 1863), Lawyer, 1718 Ash St.....Indianapolis.
 ISAAC N. PORCH, A. B. (A. M., 1863), Minister (Died in 1885).....Bloomington.
 IRVIN ROBBINS, A. B. (A. M. 1863), Manufacturer, 12 W. North St.Indianapolis.

- JOHN M. SNODDY, A. B. (A. M., 1863), M. D., Physician (Died September 20, 1890)..... Mooresville.
 LYDIA E. SHORT, B. S. (M. S., 1861) (Mrs. James Braden)..... Irvington.
 ABRAM D. WILLIAMS, A. B. (A. M., 1863), M. D., Oculist and Aurist, 1407 Olive St..... St. Louis, Mo.

CLASS OF 1861.

- W. W. DAUGHERTY, B. S., Captain (Retired) U. S. A. Los Angeles, Cal.
 CHARLES F. LOCKWOOD, A. B. (A. M., 1864), Merchant, 211-13 Wabash ave..... Chicago.
 P. J. SQUIER, A. B. (killed at Shiloh, April 6, 1862). Hall's Corners.
 GEO. W. SPAHR, B. S., Lawyer, 1716 Ash St Indianapolis.

CLASS OF 1862.

- WILLIAM H. BREVOORT, A. B. (A. M., 1865), Farmer..... Vincennes.
 C. ELIZA BROWN, B. S. (M. S., 1865), (Mrs. W. H. Wiley) Terre Haute.
 JAMES A. BRUCE, B. S., Florist (Died Dec. 13, 1893). Indianapolis.
 DEMIA BUTLER, A. B. (A. M., 1865), (Mrs. George E. Townley), (Died Oct. 26, 1867)..... Indianapolis.
 MICHAEL R. BUTTZ, A. B. (A. M., 1865), Lawyer (Deceased) Liberty, Ill.
 AUSTIN F. DENNY, A. B. (A. M., 1865, LL. B., Harvard, 1868), 1609 N. Delaware St..... Indianapolis.
 ADDISON C. HARRIS, B. S., LL. B., 1444 N. Meridian St Indianapolis.
 ALVIN I. HOBBS, A. B. (A. M., 1865, LL. D., 1885), Professor Theology Drake University (Died May, 1894) Des Moines, Iowa.
 JOHN T. JACKSON, A. B. (A. M., 1865), (Died 1866). Indianapolis.

CLASS OF 1863.

- H. C. GUFFIN, A. B. (A. M., 1866) Indianapolis.

CLASS OF 1864.

- WICKLIFFE A. COTTON, A. B. (A. M., 1867), Lawyer.....De Witt, Iowa.
 ALEXANDER C. EASTER, A. B. (A. M., 1867), Farmer.....Burlingame, Kan.
 JOHN B. EASTER, A. B. (A. M., 1867), Minister,
 (Died Dec. 12, 1885).....Kansas.
 DAVID M. HILLIS, A. B. (A. M., 1867), Lawyer,
 3341 Prairie Ave.....Chicago, Ill.
 WILLIAM H. WILEY, A. B. (A. M., 1867), Superintendent Schools Terre Haute.

CLASS OF 1865.

- EDWARD L. BREVOORT, A. B. (A. M., 1868), Farmer, (Died March 12, 1882).....Walesborough.
 JOHN S. DUNCAN, B. S. (LL. B., Harvard, 1867),
 Lawyer, 1312 N. Alabama St.....Indianapolis.
 JAMES H. MCCOLLOUGH, A. B. (A. M., 1883), MinisterIrvington, Cal.

CLASS OF 1866.

- JACOB B. BLOUNT, A. B. (A. M., 1869), Minister .Mays.
 HENRY H. BLACK, A. B. (A. M., 1869), Real
 Estate Agent.....Oklahoma City, O. T.
 HOWARD CALE, A. B. (A. M., 1869), Lawyer, 2010
 Ruckle StIndianapolis.
 ALFRED FAIRHURST, A. B. (A. M., 1869), Professor
 Natural Science, Kentucky University, 351
 North Broadway.....Lexington, Ky.
 KATHARINE E. COFFIN, B. S. (M. S., 1869), (Mrs.
 Hiram Hadley).....Albuquerque, N. M.
 ALICE E. SECREST, B. S. (M. S., 1869), (Mrs. G.
 W. Snider), 1015 N. Penn. St.....Indianapolis.

CLASS OF 1867.

- ALBERT T. BECK, A. B. (A. M., 1870), Lawyer
 (Died April 23, 1894).....Indianapolis.

FRANK C. CASSEL, B. S., Cashier of Bank.....Rossville.
 INDIANA CRAGO, B. S. (M. S., 1870), (Mrs. A. C.
 Harris), 1444 N. Meridian St.....Indianapolis.
 JOHN DENTON, A. B. (A. M., 1870), Lawyer.....Salem, Ore.
 JOHN H. LEWIS, B. S., Editor.....Anderson.
 DAVID UTTER, B. S., Minister.....Salt Lake City.
 BENJ. C. WRIGHT, B. S., Lawyer, 3800 Central Ave.Indianapolis.
 SAMUEL WINFIELD, B. S., Merchant.....Chanute, Kan.

CLASS OF 1868.

ALEX. C. AYRES, A. B. (A. M., 1871), Lawyer, 31
 West Drive, Woodruff Place.....Indianapolis.
 SCOT BUTLER, A. B. (A. M., 1871, LL. D., 1896),
 President Butler CollegeIrvington.
 BARBARA P. BLOUNT, B. S. (M. S., 1871), (Mrs. F.
 C. Cassel).....Rossville.
 ALCINDA T. BLOUNT, B. S. (M. S., 1871), (Mrs. J.
 A. Canady).....Anderson.
 SAMUEL H. DUNLOP, A. B. (A. M., 1871), New
 York City New York.
 JOS. W. MARSEE, A. B. (A. M., 1871), M. D., Phy-
 sician, 708 N. New Jersey St.....Indianapolis.
 MARY M. MOORE, B. S. (M. S., 1871), (Mrs. Mc-
 Connell).....Oxford.
 HARRY C. RAY, A. B. (A. M., 1871), Auditor
 Shelby Co., 66 N. Harrison St.....Shelbyville.
 ANNA W. SCOVEL, B. S. (M. S., 1871), (Mrs.
 Chauncey Butler), (Died Dec. 3, 1894).....Indianapolis.
 WALTER S. SMITH, B. S. (M. S., 1882), Minister.Arlington.
 EDWIN TAYLOR, A. B. (A. M., 1871), General
 Counsel E. & T. H. R. R., E. & I. R. R., and
 L. E. & St. L. R. R.....Evansville.
 GRANVILLE S. WRIGHT, B. S., Lawyer, Central
 Ave. and 38th St.....Indianapolis.

CLASS OF 1869.

CHAUNCEY BUTLER, A. B., Sec. Board of Directors,
 Butler College.....Irvington.

THOMAS J. BYERS, A. B. (A. M., 1872), Merchant. Franklin.
 JOHN W. TUCKER, A. B. (A. M., 1872), Lawyer. Lynn, Mass.
 LORENZO TUCKER, A. B., Minister (Deceased) . . . Wabash.
 HENRY JAMESON, B. S. (M. D., Ind. Med. Coll.),
 Physican, 416 N. Delaware St. Indianapolis.
 JOHN MOORE, B. S., Lawyer, 321 N. Penn. St. . . . Indianapolis.
 WINFIELD S. RAY, B. S., Editor (Died April 3,
 1897) Shelbyville.
 WILLIAM P. STANLEY, B. S. (LL. B., Indiana Uni-
 versity), Farmer Arlington.

CLASS OF 1870.

ALONZO G. ALCOTT, A. B. (A. M., 1873), (Died
 Nov. 7, 1880) St. Paul, Minn.
 AUSTIN COUNCIL, A. B., Minister (Died March 11,
 1871) Mankato, Minn.
 JOHN N. BOYS, B. S., Merchant (Deceased) Steeles.
 JENNIE LAUGHLIN, A. B., Teacher and Missionary
 to Jamaica (Deceased) Indianapolis.
 THOMAS WILSON LOCKHART, A. B. (A. M., 1873),
 Lawyer. Bakersfield, Cal.
 DANIEL BOONE WILLIAMS, A. B. (A. M., 1873),
 (M. D., Miami Medical College, 1874), (Died
 Nov. 5, 1876) Bedford.

CLASS OF 1871.

JAMES M. CULBERTSON, B. S., Farmer Malott Park.
 JOHN H. HAMILTON, B. S., Minister (Died in 1873). New Philadelphia.
 BENJAMIN F. KINNICK, A. B. (A. M., 1874), Farmer. Greenwood.
 OSCAR F. LANE, A. B. (A. M., 1874), Minister . . . Greencastle.
 EDWIN T. LANE, A. B. (A. M., 1874), Minister . . Greencastle.
 JAMES W. LOWBER, A. B. (A. M., 1874), Sc. D.,
 LL.D., 707 W. 7th St.. Austin, Tex.
 JAMES W. MONROE, A. B. (A. M., 1874), Minister. Modesto, Cal.
 ROBERT H. MYERS, A. B. (A. M., 1874), Contrac-
 tor, 2036 Cornell Ave. Indianapolis.
 JOHN A. ROBERTS, B. S., Minister Irvington.

- DANIEL L. THOMAS, A. B. (A. M., 1874) (LL. B.,
Central Law School), Editor (Died Oct. 29,
1893) Rushville.
- JOHN Q. THOMAS, A. B. (A. M., 1874) (LL. B.,
Central Law School), Lawyer Rushville.
- J. LAFE THORNTON, B. S. Sedalia, Mo.
- SAMUEL E. YOUNG, A. B., Lawyer Cleveland, O.

CLASS OF 1872.

- WALTER RALEIGH COUCH, A. B., Minister Friendville, Ill.
- WALTER S. CAMPBELL, B. S., Minister Rushville.
- NATHAN WARD FITZGERALD, A. B., Lawyer and
Lecturer, 610 13th St., N. W. Washington, D. C.
- GEORGE HENRY GIFFORD, A. B., Lawyer. Tipton.
- WILLIAM IRELAN, A. B., Minister Eureka Sp'gs, Ark.
- CLEMENTINE IRELAN, A. B. Eureka Sp'gs, Ark.
- WILLARD R. LOWE, A. B. (A. M., 1875), Minister,
1516 North St. Logansport.
- LEANDER P. MITCHELL, B. S. (LL. B., Indiana
University), Lawyer New Castle.
- CURTIS H. REMY, A. B., Lawyer, 215 Dearbon St. Chicago, Ill.
- WILLIAM H. TILLER, A. B., Minister Sparta, Ky.

CLASS OF 1873.

- WALTER B. FERTIG, A. B., Lawyer Noblesville.
- JAMES I. HOPKINS, A. B., Minister Benchley, Tex.
- LOUIS NEWBERGER, A. B., Lawyer, 828 Capitol
Ave. N. Indianapolis.
- ALLEN B. THRASHER, A. B. (A. M., 1875) (M. D.,
Medical College Ohio), Physician, 157 W.
9th St Cincinnati, O.
- WALTER S. TINGLEY, A. B. (A. M., 1886) (M. D.,
Medical College Indiana), Physician, 10 W.
5th St Newport, Ky.

CLASS OF 1874.

JEFFREY O. CUTTS, A. B., Minister.....	Riverside, Cal.
THOMAS SMITH GRAVES, A. B., Live Stock Broker, 611 N. New Jersey St.....	Indianapolis.
EMMETT S. STILLWELL, A. B., Lawyer (Died May 23, 1883)	Shelbyville.

CLASS OF 1875.

HENRY C. OWENS, B. S., Deceased	Ohio,
WILLIAM T. SELLERS, B. S., Book Dealer, 33 Ash- land St.....	Indianapolis.
SAMUEL J. TOMLINSON, A. B., Minister	Irvington.

CLASS OF 1876.

ROBERT SILAS BLOUNT, A. B. (A. M., 1879), Min- ister (Died Oct. 28, 1883).....	Irvington.
CHARLES H. CATON, A. B. (A. M., 1881), Minister, Englewood	Chicago, Ill.
NANNIE T. CUNNINGHAM, B. S. (Died Sept., 1876) ..	Indianapolis.
MELLIE B. INGELS, A. B. (Mrs. John Julian)	Chicago, Ill.
ALONZO MARION LYSTER, A. B., Teacher (Died Sept. 26, 1876).....	Thorntown.
WINFIELD SCOTT MOFFETT, A. B., Lawyer.....	Irvington.
JOHN REA WOODWARD, A. B. (A. M., 1879, LL. B., Univ. of Virginia, 1878), Lawyer (Died June 15, 1879)	New Castle.

CLASS OF 1877.

JOHN T. BURTON, B. S. (M. S., 1880), Real Estate, Loan and Insurance Agent.....	Emporia, Kan.
WILLARD W. HUBBARD, B. S., Sec. Island Coal Co., 1002 N. Del. St.....	Indianapolis.
HICKLIN J. LANDERS, B. S.....	Kansas City.
WILLIAM T. MASON, A. B., Lumber Merchant....	Asheville, N. C.

- LAFAYETTE H. REYNOLDS, B. S. (M. S., 1880),
 (LL. B., Central Law School, 1880), Lawyer
 (Died Oct., 1891).....Greenfield.
- LEWIS WALLACE, A. B., Lawyer, 1137 N. Merid-
 ian St.....Indianapolis.

CLASS OF 1878.

- ERNEST R. COPELAND, B. S., Physician.....Milwaukee, Wis.
- KATHERINE M. GRAYDON, A. B. (A. M., Indiana
 Univ., 1883), Teacher, High School.....Berkeley, Cal.
- OLIVER ROMEO JOHNSON, Ph. B., Agent North
 Shore Dispatch, 24, The Victoria.....Indianapolis.
- ALBERT BAYARD KIRKPATRICK, B. S. (LL. B.,
 Central Law School, 1880), Lawyer (Mayor). Kokomo.
- BIZANNA O'CONNOR, A. B.....Richmond, Va.
- CHARLES E. THORNTON, A. B., Pres. Indiana So-
 ciety for Savings, 1216 Broadway.....Indianapolis.

CLASS OF 1879.

- ALBERT F. ARMSTRONG, A. B. (A. M., 1880),
 Teacher, Northwestern Christian College...Excelsior, Minn.
- ALEMBERT W. BRAYTON, B. S. (M. S., 1880), M.
 D., Physician, 2113 Broadway.Indianapolis.
- DEMARCHUS C. BROWN, A. B. (A. M., 1880), Greek
 Chair, Butler College.....Irvington.
- JOSEPH A. BROWN, A. B., Lawyer.....Pontiac, Ill.
- MILES L. CLIFFORD, A. B., LL. B., Lawyer.....Tacoma, Wash.
- VINCENT G. CLIFFORD, Ph. B., LL. B., Lawyer,
 1226 Bellefontaine St.....Indianapolis.
- CHARLES H. GILBERT, B. S. (M. S., Indiana
 Univ., 1882; Ph. D., Indiana Univ., 1883),
 Professor Leland Stanford, Jr., University...Palo Alto, Cal.
- CLARINDA C. HARRIMAN, A. B. (Mrs. L. A. Pier).Watsonville, Cal.
- M. BELLE HOPKINS, A. B. (Mrs. P. O. Upde-
 graffe), Teacher.Canton, Mo.
- JOSEPH B. KEALING, Ph. B., Lawyer. 1420 N. Ala-
 bama St.....Indianapolis.

- EUGENE G. KREIDER, A. B., LL. B., Lawyer,
Clerk Supreme Court.....Olympia, Wash.
- EDMUND G. LAUGHLIN, A. B., Minister.....Cleveland, Ohio.
- ALBERT B. LEWIS, A. B. (A. M., 1882), (M. D.,
Indiana Medical College), Physician.....Hamilton, Kan.
- WILLIAM J. LHAMON, A. B. (A. M., 1880), Minis-
ter.....Allegheny, Pa.
- NEAL S. MCCALLUM, A. B. (A. M., 1882), Minister.Irvington.
- JANET D. MOORES, A. B., 1960 N. Penn. St.....Indianapolis.
- JOSEPHUS PEASELEY, A. B., Supt. Public Schools..Iowa Falls, Iowa.
- HORACE E. SMITH, A. B. (A. M., 1882) (LL. B.,
Harvard), Lawyer, 1020 N. Penn. St.....Indianapolis.
- JAMES A. YOUNG, A. B. (A. M., 1880), Manager
New York Life Insurance Co. (Died Nov. 9,
1896).....Toledo, Ohio.

CLASS OF 1880.

- WILLIAM ALEXANDER BLACK, Ph. B., Attorney
and Broker.....Wellington, Kan.
- CLARENCE BOYLE, B. S., Lumber MerchantChicago, Ill.
- HILTON ULTIMUS BROWN, A. B. (A. M., 1882),
City Editor Indianapolis NewsIrvington.
- MARY IDA BUNKER, A. B., Principal of High
SchoolMechanicsburg, O.
- JAMES B. CURTIS, A. B. (A. M., 1881), Lawyer,
1132 N. Penn. St.....Indianapolis.
- WILLIAM F. ELLIOTT, A. B., Lawyer, 2031 N. Ala.
St.....Indianapolis.
- FLORA FRAZIER, Ph. B. (Mrs. P. M. Dill), 2016
Park Ave.....Indianapolis.
- THOMAS W. GRAFTON, A. B. (A. M., 1883), Min-
ister.....Rock Island, Ill.
- LETITIA B. LAUGHLIN, B. S., M. D., Physician
(Died 1896)Warren, O.
- EMMA C. SWAIN, Ph. B. (Mrs. Dwyer).....Indianapolis.
- MINNIE TRESSLAR, Ph. B. (Ph. M., 1882), Teacher
in High School, 1023 West Fourth St.....Marion.

WALTER O. WILLIAMS, Ph. B. (with E. C. Atkins
& Co.), 1808 Talbott Ave Indianapolis.

CLASS OF 1881.

LEVI P. AYRES, B. S., Farmer, Michigan Ave.... Indianapolis.
 MARY E. COUSE, B. S. (Mrs. O. P. GOULD), (Died
1892)..... Winona, Minn.
 EDWARD W. DARST, A. B., Minister, 5622 Jeffer-
son Ave Chicago, Ill.
 WALTER M. FLOYD, A. B., (LL. B., Central Law
School, 1882), Lawyer (Died August 26, 1882). St. Paul.
 W. HENRY GROVE, Ph. B., Lawyer..... Glasgow, Ky.
 LORA C. HOSS, A. B., Merchant. Kokomo.
 COLIN E. KING, A. B., Lawyer..... New York City.
 SOLOMON METZLER, A. B. (A. M., 1884), Teacher
and Minister..... Wauseon, O.
 LOUIS MORGAN, A. B. (A. M., 1885), Dairyman,
Sherman Drive..... Indianapolis.
 MINNIE OLCOTT, A. B. (Mrs. M. Raymond Will-
iams) Irvington.
 LIZZIE G. SMITH, Ph. B. (Mrs. Isaac Harlan), 619
E. Pratt St..... Indianapolis.
 SILAS A. WURTZ, A. B., Minister (Died, 1893)... Ohio.

CLASS OF 1882.

CLAUDE HARRISON EVEREST, A. B., Farmer..... Hutchinson, Kan.
 TADE HARTSUFF, Ph. B., (Mrs. J. B. Kuhns). ... Dunlo, Pa.
 BURGESS L. McELROY, A. B., Congressional Post-
master Washington, D. C.
 LEWIS A. PIER, A. B. (A. M., 1892), Minister ... Watsonville, Cal.
 MAY LOUISE SHIPP, Ph. B., 1010 N. Delaware St. Indianapolis.
 MARCELLUS J. THOMPSON, A. B. (A. M., Univer-
sity of Michigan), Professor of Physics, Uni-
versity of Missouri (Died Dec. 17, 1890) Columbia, Mo.

CLASS OF 1883.

- ROBERT L. DORSEY, A. B., Tucker & Dorsey, Manufacturers, 1409 Central Ave. Indianapolis.
- JEAN H. EVEREST, A. B. (A. M., 1884), Lawyer. Oklahoma City, Okla.
- REVILLO P. HALDEMAN, Ph. B., Loan Agent Springfield, Mo.
- MARGARET A. HUSTED, Ph. B., Ph. M., 68 Middle Drive., Woodruff Place Indianapolis. *
- THOMAS M. IDEN, Ph. B. (Ph. M., 1886), Chair of Chemistry and Physics, State Normal Emporia, Kan.
- CAREY E. MORGAN, A. B. (A. M., 1885), Minister, 2000 Portland Ave. Minneapolis, Minn.
- MARTIN A. MORRISON, A. B. (LL. B., University of Virginia, 1886), Lawyer Frankfort.
- MILTON O. NARAMORE, A. B. (A. M., 1886), LL. B., Lawyer, Secretary The Kent Law School, 902 Woman's Temple Chicago, Ill.
- CORA M. SMITH, A. B. (A. M., 1888), Graduate Student State Univ. Irvington.

CLASS OF 1884.

- LEWIS CLARK BREEDEN, A. B., Editor Summum, Ill.
- SHERMAN TOWN BURGESS, A. B., Real Estate Agt. Scott, Kan.
- ALBERT MUNSON CHAMBERLAIN, A. B. (A. M., 1885), Minister Alliance, O.
- ELLA MAY DAILEY, Ph. B. (Mrs. C. E. Morgan), 2000 Portland Ave. Minneapolis, Minn.
- LOT DICKSON GUFFIN, A. B., Lawyer Rushville.
- FRANCES ELLEN HUSTED, A. B. (Mrs. W. H. Barr), 68 Middle Drive, Woodruff Place Indianapolis.
- GRACE GIDDINGS JULIAN, Ph. B. (Ph. M., 1885), (Mrs. C. B. Clarke) Irvington.
- WM. WALLACE KNAPP, Ph. B. (Ph. M., 1887), Abstracter of Titles Irvington.
- JOHN BUGHER KUHN, A. B., Merchant Dunlo, Pa.
- MARY LUCINDA LAUGHLIN, Ph. B., Music Teacher. Cleveland, O.
- MATTIE McCLURE, A. B., Trained Nurse New York City.
- JOHN McKEE, A. B., Minister Kellogg, Iowa.

ELMER ISAAC PHILLIPS, B. S., Lawyer New Castle, Pa.
 ROBERT SELLERS, A. B., Minister Ashtabula, O.
 JAMES HENRY O. SMITH, A. B., Minister, 908
 Adams St Chicago, Ill.
 WILLIAM CLEMENT SMITH, B. S. (M. S. 1888), Real
 Estate and Rental Agent Indianapolis.
 JOHN FRANCIS STONE, B. S. (M. S., 1885, Ph. M.,
 1893), Lawyer Guthrie, Okla.
 MATTIE WADE, Ph. B. (Ph. M., 1885), (Mrs. W. B.
 Parks) Thorp's Sp'gs, Tex.

CLASS OF 1885.

RICHARD F. BIGGER, Ph. B., M. D., 204 N. Ala. St. Indianapolis.
 ARTHUR V. BROWN, Ph. B., Lawyer, 545 N. Me-
 ridian St. Indianapolis.
 EDMUND H. HINSHAW, A. B., Lawyer Fairbury, Neb.
 JOHN ARTHUR KAUTZ, A. B. (A. M., 1886), Editor
 Gazette-Tribune Kokomo.
 CHARLES A. MARSTELLER, Ph. B., Broker Lafayette.
 LOURETTA E. MORGAN, Ph. B. (Mrs. Robert Sel-
 lers) Ashtabula, O.
 ELECTA MURRY, Ph. B. (Mrs. O. M. Pruitt, 1936
 Ash St. Indianapolis.
 DORA A. PENDLETON, Ph. B. (Ph. M., 1886) (Mrs.
 C. C. Riley) Cincinnati, O.
 FANNIE M. PHILLIPS, B. S. (Mrs. J. F. Stone) . . Guthrie, Okla.
 ORAN M. PRUITT, A. B. (A. M., 1886), (Sec. Indi-
 ana Lumber and Veneer Co.), 1936 Ash St. . Indianapolis.

CLASS OF 1886.

IDA MAY FINDLEY, A. B. Irvington.
 JOHN PAUL FINDLEY, A. B., Minister Irvington.
 ROBERT A. GILCREST, A. B. (A. M., 1888), Profes-
 sor Sacred Lit. and Philos., Eureka College. Eureka, Ill.
 JULIET HOLLAND, Ph. B. (Mrs. — Donahue) . . . Washington, D. C.
 THOMAS UNDERWOOD RAYMOND, A. B., M. D. . . .
 Vancouver Barracks, Wash.

MYRTLELLA SEWALL, Ph. B. (Mrs. N. B. Whitsel). Ft. Wayne, Ind.
 CORINNE T. THRASHER, Ph. B. (Mrs. O. O. Car-
 vin)..... Irvington.

CLASS OF 1887.

DORA GRACE BLOUNT, Ph. B., Teacher Irvington.
 LAWSON A. COBLE, A. B., Minister Oakland City.
 ERASTUS S. CONNER, A. B., Minister Noblesville.
 BENJAMIN F. DAILY, A. B. (A. M., 1892; Ph. D.,
 1894; B. D., Yale University, 1896), Minister. Greenfield.
 EMMETT W. GANS, Ph. B. (with Aultman, Taylor
 & Co. Mansfield, Ohio.
 JANE GRAYDON, A. B., Teacher, 1514 Central Ave. Indianapolis.
 F. ROLLIN KAUTZ, A. B. (A. M., 1889), (with
 Bowen-Merrill Co.) Irvington.
 JAMES S. MCCALLUM, A. B., Minister Olympia, Wash.
 GERTRUDE A. MAHORNEY, Ph. B. (Ph. M., 1889),
 Teacher. Indianapolis.
 MARTHA O. MURRY, Ph. B. (Mrs. E. W. Hoover),
 (Died June 30, 1896). Indianapolis.
 JOHN A. RELLER, A. B., Minister Elberfeld.
 ARTHUR W. SHOEMAKER, Ph. B., Minister Daleville.
 SALLIE B. THRASHER, B. S. (Mrs. A. J. Brown) G'd Rapids, Mich.
 HENRY M. TONER, B. S., M. D., Physician..... Shelbyville.
 FRED M. WADE, B. S Manchester, Ia.
 OMAR WILSON, A. B., Principal Butler Prepara-
 tory School. Irvington.
 ELIAS P. WISE, A. B., Minister.... Irvington.

CLASS OF 1888.

WILLIAM WILSON BUCHANAN, A. B. (with Bowen-
 Merrill Co.), 1628 N. Delaware St. Indianapolis.
 GEORGE HARRIS CLARKE, B. S., Minister..... Williamsport.
 JOHN DEEM FALL, B. S., Druggist. Cleveland, O.
 ELTON ANDREW GONGWER, A. B., Lawyer, 2588
 Broadway Cleveland, O.
 KATE BLANCHE HADLEY, Ph. B. (Mrs. W. W. Bu-
 chanan), 1628 N. Delaware St. Indianapolis.

- ARCHIBALD McCLELLAND HALL, A. B. (A. M.,
1889; Ph. D., 1892; B. D., Yale University,
1897), Minister.....New Haven, Conn.
- OSCAR CLEMENS HELMING, Ph. B., Minister, 515
Kearney St.....Atchison, Kan.
- WILLIAM CLARENCE McCULLOUGH, A. B. (A. M.,
Univ. Mich., '90), Supt. Public Schools.....Sullivan.
- FRANK HAMILTON MARSHALL, A. B. (A. M., 1891),
Missionary.....Tokyo, Japan.
- HUGH THOMAS MILLER, A. B., Prof. of History and
French, Butler College.....Irvington.
- LOUIS JACKSON MORGAN, Ph. B. (LL. B., Yale),
Attorney at Law, 1136 N. New Jersey St....Indianapolis.
- JOHN CAMPBELL MORRISON, A. B., Law Student,
1607 Hall Place.....Indianapolis.
- WILLIAM MULLENDORE, A. B., Minister.....Somerset, Pa.
- JAMES BUCHANAN PEARCY, Ph. B., Principal High
School.....Anderson.
- MARY PADDOCK, A. B.....Chicago.
- GEORGE WASHINGTON REDMON, JR., Ph. B., M. D.
(Died Nov. 30, 1894).....Champaign, Ill.
- JAMES CHALLEN SMITH, A. B. (A. M., 1895), Min-
ister.. ..Alexandria.

CLASS OF 1889.

- JENNIE E. ARMSTRONG, A. B. (Mrs. T. C. Howe)
Student at Radcliffe College, 88 Hammond St. Cambridge, Mass.
- PERRY H. CLIFFORD, Ph. B. (with Hide, Leather
and Belting Co.) 33 The Blacherne.....Indianapolis.
- TROUSSEAU DAILEY, Ph. B. (Died Aug. 15, 1894). Indianapolis.
- H. EDWIN FRAZIER, B. S., Treasurer, Indiana
Car and Foundry Co., 2415 College Ave.....Indianapolis.
- WILLIAM H. GRAFFIS, Ph. B., Journalist.....Terre Haute.
- THOMAS C. HOWE, A. B. (A. M., 1892), Prof. Ger-
manic Languages, Butler College, Student
Germanic Philology Harvard University, 88
Hammond St.Cambridge, Mass.
- GENEVRA HILL, Ph. B. (Mrs. Kirkman).....Richmond.

WILLIAM G. IRWIN, B. S., Banker.	Columbus.
MARK A. LEMILLER, Ph. B.	Hutchinson, Kan.
JOHN J. MAHORNEY, Ph. B., Surveyor (Died July 14, 1892).	Irvington.
URBAN C. MALLON, Ph. B., Merchant.	Francesville.
JOSEPH R. MORGAN, Ph. B. (M. L., Yale), Attor- ney at Law, 1136 N. New Jersey St.	Indianapolis.
WILLIAM F. ROSS, A. B., M. D., Physician and Minister.	Rantoul, Ill.
FLORA SHANK, Ph. B., State Sec. Y. W. C. A.	Irvington.
CLARA L. SHANK, A. B. (A. M., 1891), Teacher.	Irvington.

CLASS OF 1890.

ROMAINE BRADEN, A. B.	Irvington.
BENJAMIN MARSHALL DAVIS, B. S. (M. S., 1892), Professor of Biology, State Normal.	Los Angeles, Cal.
JOHN FRANK FINDLEY, A. B., Minister.	Shelby, O.
CHARLES M. FILLMORE, A. B., Minister.	Peru.
OTIS WEBSTER GREEN, B. S. (with Indianapolis Drug Co.), 2116 Central Ave.	Indianapolis.
JULIA MOORES GRAYDON, A. B. (Mrs. Alexander Jameson), 416 N. Delaware St.	Indianapolis.
J. NEWTON JESSUP, A. B., Minister.	Vincennes.
INDIANA LOUISIANA MARTZ, A. B., Teacher.	Kokomo.
TACE CLARA BELLE MEEKER, A. B. (Mrs. Charles Stearnes), Sheridan Drive.	Chicago, Ill.
HENRY THOMAS MANN, B. S., Farmer.	Gilman, Ill.
FRANK D. MUSE, A. B., Minister.	Martinsville.
JOHN D. NICHOLS, A. B. (A. M., 1892), M. D., Ind. Med. College, 904 College ave.	Indianapolis.
LAZ NOBLE, A. B., Merchant, 78 The Blacherne.	Indianapolis.
HENRY STEWART SCHELL, A. B. (A. M., 1891), Teacher.	Irvington.
ALEXANDER CAMPBELL SMITHER, A. B., Minister.	Los Angeles, Cal.
AUGUSTA L. STEVENSON, A. B., Teacher.	Irvington.
VIDA C. TIBBOTT, A. B. (A. M., 1892), Teacher.	Irvington.
T. H. KUHN (A. B., Wabash), A. M. (Ph. D., 1893), Minister.	Kokomo.

CLASS OF 1891.

- GEORGIA E. BUTLER, A. B. (Mrs. Perry H. Clifford), 33 The Blacherne Indianapolis.
- MARY I. BROUSE, A. B., Teacher Irvington.
- ROBERT P. COLLINS, A. B., Business. Berlin, Pa.
- MARK COLLINS, A. B., Minister..... Chester, England.
- EUGENE J. DAVIS, A. B. (A. M., 1894) (M. D.,
Ind. Med. College), Physician, 1541 College
ave..... Indianapolis.
- CHARLES L. DEHAAS, A. B., Lawyer, Lemcke Bldg. Indianapolis.
- WILLIAM P. HAY, B. S. (M. S. 1892), Head of
Science Dept., High School.. Washington, D. C.
- ROBERT HALL, A. B. (A. M., 1893; Ph. D., 1895;
B. D., Harvard, 1897), Graduate Student Clas-
sical Philology, 80 Wendell St..... Cambridge, Mass.
- EVA M. JEFFRIES, A. B., Teacher of Music..... Irvington.
- ELIZABETH D. LAYMAN, A. B. (Mrs. H. S. Schell) Irvington.
- W. G. MCCOLLEY, A. B., Minister..... Olney, Ill.
- H. W. MCKANE, A. B., Student, Bellevue Med.
College New York.
- PERRY T. MARTIN, A. B., Minister..... Brazil.
- EMERSON W. MATTHEWS, A. B., Student Divinity
School, University of Chicago. Chicago, Ill.
- JESSE H. MAVITY, A. B., Supt. of Schools..... Arcadia.
- RAY D. MEEKER, B. S., Lawyer..... Sullivan, Ill.
- GRACE L. MURRAY, A. B., Teacher..... Riverside, Cal.
- FRANCES M. PERRY, A. B. (A. M., 1894) Teacher,
51 Broadway..... Indianapolis.
- LUTHER E. SELLERS, A. B., Minister..... Emporia, Kan.

CLASS OF 1892.

- BOWEN C. BOWELL, A. B. (M. D., College of Phys-
icians and Surgeons, Chicago), Examining
Physician Insane Hospital..... Kankakee, Ill.
- JOHN M. BREVOORT, A. B., Farmer..... Vincennes.
- REED CARR, A. B., Merchant..... Leipsig.

- WILLIAM F. CLARKE, A. B. (A. M., 1894 ; Ph. D.,
1896), Student State NormalTerre Haute.
ROBERT FRANKLIN DAVIDSON, A. B. (A. M., 1892),
Lawyer, Lemcke Bldg.....Indianapolis.
THOMAS AARON HALL, A.B.(A.M., 1893), Minister.Milton.
GERTRUDE JOHNSON, A. B. (Mrs. Otis Greene),
2116 Central Ave.....Indianapolis.
W. FRANK LACY, A. B., Grain Merchant.....Noblesville.
ALFRED LAUTER, A. B., Cabinet Maker, 608 E.
13th St.....Indianapolis.
LECTANIA MAY NEWCOMB, A. B., Teacher, Capitol
Ave.....Indianapolis.
SAMUEL H. SHANK, A. B., with Bowen-Merrill Co..Irvington.
WILLIAM SNODGRASS, A. BCyclone.
BERTHA THORMYER, A. B., Acting Professor of
German, Butler College.....Irvington.
AVERY A. WILLIAMS, A. B. (Died Jan. 17, 1894)..Wabash.
DE MOTTE WILSON, A. B., TeacherIrvington.

CLASS OF 1893.

- STELLA BRADEN, A. B., Teacher.....Irvington.
JESSE LINCOLN BRADY, A. B., MinisterFowler.
HARRY SEYMOUR BROWN, B. S., Lawyer, 110 W.
North St.....Indianapolis.
EVELYN MITCHELL BUTLER, A. B., Instructor,
Butler Preparatory SchoolIrvington.
EDWARD HARRY CLIFFORD, A. B. (A. M., 1894),
BusinessIndianapolis.
JULIA FISH, A. B., 36 The Blacherne Indianapolis.
WILL DAVID HOWE, A. B. (A. M., 1897), Graduate
Student, Harvard College.Cambridge, Mass.
FRANK F. HUMMEL, B. S., TeacherKokomo.
LONA LOUISE IDEN, A. B. (Mrs. W. F. Lacy). ..Noblesville.
DANIEL WONDERLICH LAYMAN, B. S. (M. D., Col-
lege Physicians and Surgeons, New York city,
1898).....New York.
JOHN MINNICK, B. S., TeacherBluffton.

MARY EOLA THOMAS, A. B. Riverside. Cal.
 LUTHER ADDISON THOMPSON, B. S., Teacher. Acton.
 BERTHA BELLE WARD, A. B., Stenographer, 721
 N. New Jersey St. Indianapolis.
 FRANK FORD WILLIAMS, B. S., Auditor's Office. . Wabash.

CLASS OF 1894.

CHARLES ELSWORTH BAKER, A. B., Journalist. . . Sedalia, Mo.
 JOHN WILBERT BARNETT, A. B. (A. M., 1895), Ph.
 D., 1897), Minister, 228 Dechler Ave. Columbus, Ohio.
 EDWIN WALLACE BRICKERT, A. B., Minister. Boise City, Idaho.
 GEORGE GREEN BRUER, A. B. (A. M., 1895), Supt.
 Public Schools. Russiaville.
 ROSE ELLIOTT, A. B., Teacher, 1646 Cornell Ave. . Indianapolis.
 MARY BEMIS GALVIN, A. B., City Sec. Y. W. C. A. . Schenectady, N. Y.
 CLARA MAE GOE, A. B., Reporter Irvington.
 GEORGE ELMER HICKS, A. B. (A. M., 1895), Min-
 ister. Piqua, O.
 EMMA CLAIRE JOHNSON, A. B. Irvington.
 ISABELLA AURELIA MOORE, A. B. Wanamaker.
 ORA MAY MURRAY, A. B. Olathe, Kansas.
 CHARLES ALBERT RILEY, A. B. (A. M., 1895), Ph.
 D., 1897), Minister. Fairmount.
 CHARLES AUGUSTUS STEVENS, A. B. (A. M., 1895;
 Ph. D., 1897), Minister. Cripple Creek, Colo.
 ANNA CHARLOTTE STOVER, A. B. (A. M., 1895),
 Teacher Anderson.
 EDITH DAISY SURBEY, A. B., Teacher, 609 E.
 South St.. Indianapolis.
 MYRTLE VAN SICKLE, A. B., Stenographer. Fenton.

CLASS OF 1895.

MARY EDNA ARNOLD, (A. B., University of Ill.)
 A. M. Ph. D., 1896 (Died Jan. 2, 1898). Souders, Ill.
 MAY BRAYTON, A. B., 2113 Broadway. Indianapolis.
 NELSON DEWEY BRAYTON, A. B., Medical Student
 2113 Broadway. Indianapolis.

HARRIET NELL BREVOORT, A. B.	Columbus.
EDWARD AUGUSTUS BROWN, A. B. (M. D., Ind. Medical, 1898).	Indianapolis.
EDGAR THOMAS FORSYTH, A. B., Prin. of Schools.	Milton.
GEORGIA NOBLE GALVIN, A. B.	Irvington.
EVA LOU GOODYKOONTZ, A. B., 43 Tremont Ave.	Indianapolis.
DORA GREENE, A. B., Teacher.	Plainfield.
DORA COLLINS HADLEY, A. B., 816 N. West St.	Indianapolis.
HARRY LEONARD HENDERSON, A. B., Minister	Indianapolis.
GEORGE WILSON HOKE, A. B., Teacher	Wabash.
ARTHUR ALBERT JOHNSON, A. B., Civil Engineer	Stroud, Okla.
MARY LOUISA LEPPER, A. B., Teacher	Mt. Carroll, Ill.
LAURA MACE, A. B. (M. D., Ind. Medical, 1898), 615 N. New Jersey St	Indianapolis.
ROSE MACNEAL, A. B. (Ph. M., Univ. of Chicago, 1897)	Romona.
BERTHA NEGLEY, A. B.	Irvington.
GRACE MAY REEVES, A. B. (Mrs. John Little Morris), The Plaza	Chicago, Ill.
LAURA EVELYN RUPP, A. B., Teacher, cor. New York and Rural Sts.	Indianapolis.
CHARLES BURR TAYLOR, A. B. (A. M., 1896), Medical Student, 829 Beatty St	Indianapolis.

CLASS OF 1896.

RETTA VALERIA BARNHILL, A. B.	Irvington.
JOHN SCOT BUTLER, A. B., Law Student	Irvington.
ARTHUR BLISS CARPENTER, A. B.	Wabash.
EDWARD WILLIAM CLARK, A. B., Journalist, 155 N. Meridian St	Indianapolis.
ROBERT WOODWARD CLYMER, A. B., Minister	Indianapolis.
CHARLES WINGATE CULBERTSON, A. B., Medical Student	Indianapolis.
CHARLES TEST DALTON, A. B., Correspondent Chicago Times-Herald	London, Eng.
JOHN QUINCY DAVIS, A. B., Medical Student	Indianapolis.
MARY COBURN FLETCHER, A. B., 450 N. Merid. St.	Indianapolis.
HENRY FREDERICK FRIGGE, A. B., Minister	Louisville, Ky.

FRANKLIN DRAKE HOBSON, A. B.	Indianapolis.
PEARL JEFFRIES, A. B., Teacher	Irvington.
EARL THAYER LUDLOW, A. B., Law Student	Irvington.
KATHERINE MOORE, A. B., Assistant in Chemistry, Butler College	Irvington.
WILLIAM ELMER PAYNE, A. B., Minister	Arkansas City, Kan.
WILLIAM EUGARDE PHILLIPS, A. B., Minister	Boston, Mass.
ETTA LAMB THOMPSON, A. B.	Muncie.
AGNES THORMYER, A. B., Teacher	Irvington.
GEORGE GOULD WRIGHT, A. B., Assistant Chem- ist, American Glucose Co	Peoria, Ill.
CHARLES RICHARD YOKE, A. B.	Indianapolis.

CLASS OF 1897.

WILLIS MARVIN BLOUNT, A. B., Graduate Stu- dent, Butler College	Irvington.
CLARENCE ABRAM BRADY, A. B., Minister	Indianapolis.
LULU BELLE BREVOORT, A. B.	Columbus.
FRANK THURMAN BROWN, A. B., Law Student	Indianapolis.
ROBERT ALEXANDER BULL, A. B.	Dawson City, B. C.
JAMES CALVIN BURKHARDT, A. B., Minister	Irvington.
JESSIE LANIER CHRISTIAN, A. B. (Mrs. D. C. Brown)	Irvington.
WALTER CLEMENS CLARKE, A. B., Law Student	Indianapolis.
ETHEL ROUS CURRYER, A. B.	Indianapolis.
VIRGIL BYRON GING, A. B.	Irvington.
SAMUEL ALLEN HARKER, A. B., Teacher	Irvington.
CARRIE REBECCA HOWE, A. B., Student of Music, 88 Hammond St.	Cambridge, Mass.
CHLOE FRANCES HULL, A. B.	Indianapolis.
MODDIE JEFFRIES, A. B., Teacher	Alexandria.
WALTER SCOTT KING, A. B., Prin. High School	Clark's Hill.
GEORGE WASHINGTON KNEPPER, A. B., Assistant Sec. Y. M. C. A.	Evansville.
JOHN THOMAS LISTER, A. B., Acting Professor German and French, Eureka College	Eureka, Ill.
SAMUEL MCGAUGHEY, A. B., Medical Student	Irvington.

HOWARD HODGES MAXWELL, A. B., Teacher.....	Martinsville.
FRANK CLIFT OLIVE, A. B., Law Student	Indianapolis.
ALONZO SWAIN ROBERTS, A. B., Medical Student	Irvington.
THOMAS ROERTY SHIPP, A. B., Reporter Indianap- olis News.....	Irvington.
IRA BURNS SHRADER, A. B.....	Kokomo.
EMMA STRADLING, A. B..	Indianapolis.
NETTIE SWEENEY, A. B.....	Columbus.
BONA THOMPSON, A. B., Graduate Student Welles- ley.....	Irvington.
MABEL TIBBOTT, A. B.	Irvington.
EMMA EDNA WALLACE, A. B	Indianapolis.
PERCY BARTON WILLIAMS, A. B., Employment Sec. Y. M. C. A.....	Indianapolis.

HONORARY DEGREES CONFERRED.

*HON. OLIVER P. MORTON, LL. D., 1871.

*HON. CONRAD BAKER, LL. D., 1871.

*HON. JAMES A. GARFIELD, LL. D., 1871.

PROF. ALLEN R. BENTON, LL. D., 1871, Professor of Philosophy,
Butler College.

*HON. HORATIO C. NEWCOMB, LL. D., 1871.

HON. WILLIAM M. FRANKLIN, LL. D., 1871.

*OVID BUTLER, LL. D., 1871.

HON. BYRON K. ELLIOTT, A. M., 1871, Dean, Indiana Law School,
Indianapolis, Ind.

A. C. SHORTRIDGE, A. M., 1871.

*HON. MILTON B. HOPKINS, A. M., 1871.

CATHARINE MERRILL, A. M., 1871, Teacher, Indianapolis, Ind.

CHARLES E. HOLLENBECK, A. M., 1871, Publisher, Indianapolis, Ind.

PROF. ELI F. BROWN, B. S., 1876; M. S., 1880, Professor of Anatomy
and Physiology, American Medical College, Indianapolis.

*PROF. J. O. HOPKINS, A. M., 1876.

*JUDGE JOHN A. HOLMAN, A. M., 1877.

PRES. DAVID S. JORDAN, Ph. D., 1877, President Leland Stanford,
Jr., University, Palo Alto, Cal.

*PRES. OTIS A. BURGESS, LL. D., 1877.

PROF. MELVILLE B. ANDERSON, A. M., 1878, Professor of English
Literature, Leland Stanford, Jr., University.

PROF. DELASKIE MILLER, Ph. D., 1879, Physician (Specialist), Chi-
cago, Ill.

MRS. W. W. BUTTERFIELD, B. S., 1882.

MARION THRASHER, M. D., 1883, 1228 Market Street, San Fran-
cisco, Cal.

J. H. McCULLOUGH, A. M., 1883, Minister, Irvington, Cal.

DR. RUFUS BLOUNT, A. M., 1883, Physician, Wabash, Ind.

*Deceased.

- DR. F. GRAYSTON, A. M., 1883, Physician, Huntington, Ind.
- *ALVIN I. HOBBS, LL. D., 1885, Minister, Dean, Theological Fac.
Drake University, Des Moines, Iowa.
- *ISAAC ERRETT, LL. D., 1886, Editor, Christian Standard, Cincinnati, O.
- PRES. A. G. THOMAS, LL. D., 1886, President, Burritt College,
Spencer, Tenn.
- PRES. S. R. CRUMBAUGH, LL. D., 1886, President, South Kentucky
College, Hopkinsville, Ky.
- PRES. W. Y. TAYLOR, A. M., 1886, President, Lagarto College,
Lagarto, Tex.
- HARRIETT NOBLE, A. M., 1886, Indianapolis, Ind.
- W. T. MOORE, LL. D., 1887, Dean of the Bible College of Missouri
and Editor of The Christian Quarterly and of The Christian
Commonwealth, Columbia, Mo.
- ISAAC A. HARVEY, Ph. D., 1887, Geologist, Pa.
- MILTON J. MALLORY, A. M., 1887, Superintendent City Schools,
Crown Point, Ind.
- CHARLES LOUIS LOOS, LL. D., 1888, President, Kentucky Univer-
sity, Lexington, Ky.
- HON. Z. T. SWEENEY, LL. D., 1889, Columbus, Ind.
- LIEUT. THOMAS U. RAYMOND, A. M., 1890, Vancouver Barracks,
Wash.
- J. L. DICKENS, LL. D., 1891, President, Texas Female Seminary,
Weatherford, Texas.
- LEWIS A. PIER, A. M., 1891, Minister, Willows, Cal.
- DORMAN S. KELLY, A. M., 1892, Department Natural History, State
Normal School, Emporia, Kansas.
- FRANK O. MORRISON, A. B., 1895, Physician, Indianapolis.
- SCOT BUTLER, LL. D., 1896, President Butler College, Irvington.
- HUGH C. GARVIN, Ph. D., 1896, Farmer, Cotton Hill, W. Va.

*Deceased.

INDEX.

Academical Senate.....	5
Admission, Requirements for.....	33, 80, 90
Admission Without Examination.....	34
Advanced Standing.....	35
Alumni Association.....	108
Astronomical Observatory.....	28
Athletic Association.....	25
Bible, Department of.....	50
Bible School.....	77
Bible School, Relation to College.....	79
Biblical Theology.....	82
Biological Laboratory.....	31
Biology, Department of.....	59
Board of Directors Butler College.....	12
Board of Trustees University.....	5
Board of Visitors.....	13
Calendar.....	10
Chapel Attendance.....	73
Chemical Laboratory.....	31
Chemistry, Department of.....	62
Christian Associations.....	22
Church History, Department of.....	86
Classification of Students, College.....	71
Classification of Students, Bible School.....	80
Classification of Students, Preparatory Department.....	94
College Paper.....	22
College Residence.....	28
Committees Board of Directors.....	12
Conditions.....	36
Courses of Study, College.....	40
Courses of Study, Bible School.....	81

Courses of Study, Preparatory Department.....	96
Debate, Inter-Collegiate.....	23
Debate, Prize for.....	73
Degrees.....	37, 80
Dental College.....	8
Department University of Indianapolis.....	5
Directorship.....	19
Directors, Butler College.....	12
Directors, Bible School.....	79
Economics, Department of.....	56
Educational Purpose.....	20
English, Department of.....	40
Enrollment.....	71
Essays, Prize.....	73
Examinations.....	72, 94
Exegesis New Testament.....	84
Exemption from Examination.....	72
Expenses.....	74, 92
Faculty.....	14, 78
Financial Condition.....	19
French, Department of.....	49
Freshman Class.....	103
Freshman Class Requirements.....	37
General Information.....	71
Geology, Department of.....	64
German, Department of.....	42
Graduate Students.....	26, 101
Graduation, Requirements for.....	37
Greek, Department of.....	44
Gymnasium Building.....	31
Gymnasium Practice.....	25
Gymnasium Suits.....	74
Hebrew, Department of.....	46, 83
Historical Sketch College.....	18
History, Department of.....	51
Homiletics, Department of.....	81
Honorary Degrees, Recipient of.....	130
Instructors Preparatory Department.....	93
Junior Class.....	101

Junior Class, Requirements.....	39
Latin, Department of.....	47
Law School.....	7
Liberal Arts, Department.....	9
Libraries.....	27, 95
Library Hall.....	27
Literary and Musical Advantages.....	25
Literary Societies.....	24
Location and Buildings.....	27
Main College Building.....	27
Mathematics, Department of.....	65
Medical College.....	6
Memorial Gifts.....	26
Musical and Literary Opportunities.....	91
Museum.....	30
New Testament Literature, Department of.....	84
Old Testament Literature, Department of.....	83
Oratorical Association.....	24
Oratory, Prizes in.....	73
Organization.....	18, 79, 93
Pastoral Theology.....	81
Payments to the College.....	73
Pecuniary Assistance to Students.....	21
Pedagogy, Department of.....	52
Philosophy, Department of.....	52, 87
Physical Exercises.....	68, 92, 95
Physics, Department of.....	67
Political Science, Department of.....	51
Preparatory Classes.....	105, 106, 107
Preparatory Department.....	93
Prizes.....	73, 101
Public Speaking.....	91
Registration.....	71
Religious Observances.....	73
Religious Privileges.....	91
Religious Purpose and Influence.....	20
Reports.....	72
Roman Languages, Department of.....	49
Scheme of Daily Recitations.....	76

Self Support of Students.....	21
Senior Class.....	101
Senior Class, Requirements.....	39
Social Advantages.....	91
Sociology, Department of.....	56, 88
Sophomore Class.....	102
Sophomore Class, Requirements.....	38
Spanish, Department of.....	50
Special Fees.....	95
Special Lectures.....	90
Special Students.....	36, 104
Students' Names.....	100
Summaries.....	5, 107
Term Reports.....	72
Trustees Bible College.....	79
Trustees University.....	5
Tuition Fees.....	73
University of Indianapolis.....	3, 18
Visitors, Board of.....	13
Women, Higher Education of.....	20

THE
ANNUAL CATALOGUE
OF
BUTLER COLLEGE

DEPARTMENT OF ARTS
UNIVERSITY OF INDIANAPOLIS

FOR THE FORTY-FOURTH SESSION

1898-'99

WITH ANNOUNCEMENTS FOR 1899-1900

INDIANAPOLIS
THE HOLLENBECK PRESS
1899

UNIVERSITY OF INDIANAPOLIS.

It having become evident that the interests of higher education may best be furthered by the consolidation under one general management of the leading educational institutions of Indianapolis, such consolidation has been effected and articles of association have been duly filed. The purposes of the corporation thus formed, and the manner of its organization, are indicated in its articles of association as follows:

“The name of the corporation shall be the UNIVERSITY OF INDIANAPOLIS.

“The objects for which it is formed are, to afford facilities for higher education in the arts, sciences and professions.

“The said University shall acquire, own, hold and control the necessary lands and buildings for the purposes of the University: shall confer degrees, grant diplomas, and exercise all lawful powers incident to such corporation.

“For the purpose of securing the ends for which the University is organized, there shall be a school of the liberal arts, a school of medicine, a school of law, a school of dentistry, and such other schools as shall further the cause of higher education.

“There shall be a board of trustees, consisting of fifteen persons, who shall serve without compensation; these shall be chosen for the first year by the persons whose names are hereto signed; after the first year, the senate of the University (as hereinafter provided for) shall select three members of such board, and in case of vacancy by death, resignation or otherwise, of any one of said three members, the senate shall fill the place so vacated. The president of the University and the mayor of Indianapolis shall each, *ex officio*, be a member of such board. The remaining ten members of the board of trustees shall, at the end of the first year, be selected by the board whose term is then about to expire, and thereafter all vacancies in the list of said ten members so chosen shall be filled by said board.

The board of trustees shall have charge, control and management of the property interests and financial affairs of the University, and these powers shall include, also, the power to determine the compensation of all officers, professors and employes of the University.

“There shall be a senate of the University consisting of one representative from each school, selected by the same, except that the school of liberal arts shall have two representatives in said senate, by it chosen; *provided*, however, that the total number composing said senate shall not exceed twelve. The members of the said senate shall serve without compensation. The senate shall have charge and control of the educational interests of the University. There shall be a president of the University, to be chosen by the joint vote of the board of trustees and the senate, and there may be such other officers of the University as may be deemed necessary or expedient by the board and senate thus acting. All officers so chosen shall hold office during the pleasure of the board and senate.

“Should any existing school heretofore organized, or any school hereafter organized for educational purposes, desire to become a school in this University, the same can do so, when permitted by law, upon the consent of the board of trustees, on the recommendation to such board by the senate upon terms to be agreed upon by and between such school or schools, and the board of trustees. And, in admitting such school or schools, the said board shall have the power to agree, among other things, that such school or schools may each have the management and control of its own separate property and special officers, and the right to select and discharge its professors, and determine their compensation, and the power of recommending for degrees and diplomas at the hands of the University, those whom the said school or schools may deem worthy of such degrees or diplomas; *provided*, however, that during the first year, the recommendation of the senate to the board of trustees for the admission of any school or schools shall be dispensed with. These articles may be amended by a two-thirds vote of the board of trustees and the senate acting together.”

In pursuance of the above, the following officers have been chosen:

President of the University.

BURRIS ATKINS JENKINS, A. M., B. D.

Academical Senate.

SCOT BUTLER, President.

WILLIAM C. BOBBS, Secretary.

HARRY S. HICKS.

DEMARCHUS C. BROWN.

EDWARD F. HODGES.

Board of Trustees.

ALLEN M. FLETCHER, President.

GEORGE E. HUNT, Secretary.

HERMAN LIEBER, Treasurer.

P. H. JAMESON.

MATTHIAS L. HAINES.

A. C. HARRIS.

THOMAS TAGGART.

BENJAMIN HARRISON

EDWARD H. DEAN.

STERLING R. HOLT

M. J. OSGOOD.

HENRY JAMESON.

SCOT BUTLER.

HILTON U. BROWN.

W. P. FISHBACK.

The following colleges have been admitted to this corporation and compose the

University of Indianapolis.

DEPARTMENT OF ARTS..... Butler College.
 DEPARTMENT OF MEDICINE..... Medical College of Indiana.
 DEPARTMENT OF LAW..... Indiana Law School.
 DEPARTMENT OF DENTAL SURGERY..... Indiana Dental College.

Summary.

1898-99.

	No. in Faculty.	Students enrolled.
Department of Arts.....	20	216
Department of Medicine.....	22	153
Department of Law.....	13	110
Department of Dental Surgery.....	16	204
Total	71	683

Department of Medicine**The Medical College of Indiana.**

The thirtieth session of this well known institution will open September 26, 1899. The Faculty desires to call attention to the following points in connection with the school: The careful and thorough grading of the classes (this is not, as in many schools, merely in theory, but is complete and absolute); the classes never by any chance hear the same lecture repeated; a building specially erected for and owned by the college, containing ample room, and well stocked with teaching facilities; a dispensary in college building, well patronized; clinic rooms at hospitals, new and modern; women admitted on same terms as men; a four-year course rigidly administered, and finally a high grade of intelligence in its classes. The last graduating class contained men from nearly every literary and normal school in this state, and from many in neighboring states. Of the applicants at the opening of last term less than seven per cent. required a preliminary examination.

For all particulars, address the Dean,

HENRY JAMESON, M. D.,

MEDICAL COLLEGE OF INDIANA,

Cor. Senate Ave. and Market St.

Indianapolis, Indiana.

Department of Law

Indiana Law School.

The Indiana Law School, the Law Department of the University, enters upon its sixth year with every prospect of increasing success and usefulness. As location for a law school, the city of Indianapolis has no superior in the country. Nowhere has the student better opportunities to watch the progress of all sorts of litigation in courts of all grades. All the courts of the state of Indiana, from the supreme court down to that of lowest jurisdiction, and also the United States circuit and district courts, are in almost continuous session here during the school year. The value to the student of the knowledge of court procedure to be thus secured can hardly be placed too high. He not only learns routine court work, but he learns, also, the manner of cross-examination of witnesses; he sees the practical application of the rules governing the admission of evidence, and the methods of its introduction; not only this, but the student is thus afforded opportunities to observe and study the trial methods and styles of argument of prominent lawyers from all parts of the country, as they are brought here by litigation in which they are interested.

Indianapolis presents the advantages of city life without the drawbacks of a city of the largest size. The cost of living here is low although it is the seat of great professional and commercial activity. The litigation arising in the different courts is of the most varied character, and involves the most diverse business interests, and the student may thus acquaint himself with business methods as well as court procedure.

For catalogue and further information address the Dean, W. P. FISHBACK, Indianapolis, Ind.

Department of Dentistry

Indiana Dental College.

The Indiana Dental College will begin its twenty-first annual session October 3, 1899. The college is now occupying its own building, which was erected for dental educational purposes. The building is on the southwest corner of Ohio and Delaware streets, centrally located and easily accessible from all parts of the city.

The growth of the college has been steady and sure, indicating its worth as an educational institute. Our students come from all parts of the United States.

The fame of our city as an educational center is rapidly spreading. Indianapolis is now closer to the center of population of the United States than any other city. Its railroad facilities, healthfulness, and other advantages combine to render it an ideal college town.

For catalogue and further information address INDIANA DENTAL COLLEGE, Indianapolis.

Department of the Liberal Arts**Butler College, Irvington.**

The purpose of this department of the University is to furnish the means of a general education in the arts and sciences. It is believed that such education not only contributes to liberal culture, but affords a preliminary training of immense practical value in professional or business life. For detailed catalogue see following pages.

BUTLER COLLEGE CALENDAR

1899-1900.

Fall Term, 1899.

- Sept. 30..SaturdayEntrance Examinations.
Sept. 30..SaturdayEnrollment and Registration.
Oct. 2..MondayEnrollment and Registration.
Oct. 3..TuesdayInstruction begins.
Oct. 11..WednesdayQuarterly Meeting Directors.
Nov. 30..ThursdayThanksgiving Day.
Dec. 6..WednesdayOratorical Primary.
Dec. 11..MondayRegistration for Winter Term.
Dec. 15..FridayFreshman and Sophomore Debate.
Dec. 16..SaturdayGraduating Theses Announced.
Dec. 21..ThursdayTerm Examinations.
Dec. 22..FridayTerm Examinations and End of Fall Term.

Winter Term, 1900.

- Jan. 2..TuesdayEnrollment and Registration.
Jan. 3..WednesdayInstruction begins.
Jan. 10..WednesdayQuarterly Meeting Directors.
Jan. 12..FridayPrimary for College Debate with DePauw.
Feb. 7..WednesdayFounders' Day.
Feb. 22..ThursdayUniversity Day.
Mar. 2..FridayCollege Debate with DePauw University.
Mar. 12..MondayRegistration for Spring Term.
Mar. 23..FridayTerm Examinations.
Mar. 24..SaturdayTerm Examinations and End of Winter Term.

Spring Term, 1900.

- Mar. 29..Thursday.....Enrollment and Registration.
Mar. 30..Friday.....Instruction begins.
Apr. 4..Wednesday....Primary for University Debate with Notre
Dame.
Apr. 11..Wednesday....Quarterly Meeting Directors.
May 2..Wednesday....University Debate with Notre Dame Uni-
versity.
June 7..Thursday.....Anniversary Philokurian Society.
June 2..Saturday.....Graduating Theses Due.
June 16..Saturday.....Closing Chapel Exercises.
June 17..Sunday.....Address to Graduating Class.
June 18..Monday.....Term Examinations.
June 19..Tuesday.....Term Examinations.
June 19..Tuesday.....President's Reception.
June 20..Wednesday....Entrance Examinations.
June 20..Wednesday....Alumni Reunion.
June 21..Thursday.....Forty-fifth Annual Commencement.

Board of Directors, Butler College.

ADDISON F. ARMSTRONG.....	Kokomo.
ALONZO M. ATKINSON	Wabash.
ADELBERT W. BRAYTON, M. D.....	Indianapolis.
URBAN C. BREWER, A. M.	Danville.
HILTON U. BROWN, A. M.	Indianapolis.
HOWARD CALE, A. M.	Indianapolis.
ADDISON C. HARRIS, LL. B.	Indianapolis.
CHARLES E. HOLLENBECK, A. M.	Indianapolis.
JOSEPH I. IRWIN.....	Columbus.
PATRICK H. JAMESON, M. D.....	Indianapolis.
OVID B. JAMESON.....	Indianapolis.
BURRIS A. JENKINS, A. M.	Indianapolis.
F. ROLLIN KAUTZ, A. M.	Indianapolis.
JOHN A. KAUTZ, A. M.....	Kokomo.
THOMAS H. KUHN, PH. D.....	Kokomo.
JOHN E. POUNDS.....	Irvington.
CHARLES E. THORNTON, A. M.	Indianapolis.

Officers of the Board.

ADDISON F. ARMSTRONG	President.
CHAUNCEY BUTLER	Secretary.
ALLEN R. BENTON	Treasurer.

Standing Committees.

On Finance and Auditing.

P. H. JAMESON,	HOWARD CALE,	C. E. HOLLENBECK.
----------------	--------------	-------------------

On Grounds, Buildings and Real Estate

A. M. ATKINSON,	C. E. THORNTON,	F. R. KAUTZ,	H. U. BROWN.
-----------------	-----------------	--------------	--------------

On Library, Apparatus and Cabinet.

F. R. KAUTZ,	U. C. BREWER,	A. C. HARRIS,	J. E. POUNDS.
--------------	---------------	---------------	---------------

On Instructors, Salaries and Condition of Schools.

H. U. BROWN,	A. W. BRAYTON,	B. A. JENKINS,	T. H. KUHN.
--------------	----------------	----------------	-------------

On Judiciary and Claims.

O. B. JAMESON,	J. I. IRWIN,	A. M. ATKINSON,	J. A. KAUTZ.
----------------	--------------	-----------------	--------------

On Boarding Hall.

C. E. THORNTON,	H. U. BROWN,	J. A. KAUTZ,	CHAUNCEY BUTLER.
-----------------	--------------	--------------	------------------

Board of Visitors.

HON. J. A. MOUNT, Governor of Indiana	Indianapolis.
HON. FRANK L. JONES, Superintendent of Public Instruction.....	Indianapolis.
MISS NEBRASKA CROPSEY, Ass't Sup't Public Schools.....	Indianapolis.
MISS CATHERINE MERRILL.....	Indianapolis.
HON. W. P. FISHBACK, Master in Chancery U. S. Court.....	Indianapolis.
CHARLES R. WILLIAMS, Editor <i>The Indianapolis News</i>	Indianapolis.
JACOB P. DUNN, Editor <i>The Sentinel</i>	Indianapolis.
HARRY S. NEW, Editor <i>The Journal</i>	Indianapolis.
MRS. JOHN E. POUNDS.....	Irvington.
REV. M. L. HAINES, Pastor First Presbyterian Church	Indianapolis.
REV. W. D. STARR, Pastor First Christian Church.....	
MRS. A. M. ATKINSON.....	Wabash.
REV. A. J. FRANK, Pastor Christian Church.....	Lebanon.
REV. J. A. LORD, Editor <i>Christian Standard</i>	Cincinnati, O.
REV. J. H. GARRISON, Editor <i>Christian Evangelist</i>	St. Louis, Mo.
REV. J. H. McNEILL, Pastor Christian Church.....	Muncie.
REV. Z. T. SWEENEY.....	Columbus.
PROF. CHARLES E. EMMERICH, Prin. Industrial Training School..	Indianapolis.
PROF. GEORGE W. HUFFORD, Principal High School	Indianapolis.

BUTLER COLLEGE.

Faculty.

SCOT BUTLER, President.

H. TH. MILLER, Secretary.

W. J. KARSLAKE, Registrar.

D. C. BROWN, Librarian.

ALLEN RICHARDSON BENTON, A. M., LL. D., Professor of Historical Theology.

A. B., Bethany College, 1848; A. M., *ibid.*, 1849; Professor Latin and Greek, Northwestern Christian University, 1855-'61; President Northwestern Christian University, 1861-'68; President Alliance College, 1869-'71; LL. D., Butler College, 1871; Chancellor University of Nebraska, 1871-'76; Professor of Philosophy, Butler College, 1876-97; President Butler College, 1886-'91; Professor of Church History, 1897.

*WILLIAM MERRITT THRASHER, A. M., Professor of Mathematics.

A. B., Bethany College, 1854; A. M., *ibid.*, 1857; Private Instruction in Higher Mathematics, under Watson of University of Michigan, Königsberger and Cantor of Heidelberg, Salmon and Todhunter of Dublin and Cambridge.

SCOT BUTLER, A. M., LL. D., Professor of Latin Language and Literature.

A. B., Northwestern Christian University, 1867; A. M., *ibid.*, 1870; Student Classical Philology, University of Halle, and University of Berlin, 1873-'75; LL. D., Butler College, 1896; Instructor in Latin and Mathematics, Indiana University, 1869-'72; Professor of Latin, Northwestern Christian University, 1871-—; President Butler College, 1892-—; President Academical Senate, University of Indianapolis, 1897-—.

DEMARCHUS CLARITON BROWN, A. M., Professor of Greek Language and Literature.

A. B., Butler College, 1879; A. M., *ibid.*, 1880; Student Classical Philology, University of Tübingen and British Museum, 1882-'83; Student Archæology, American School of Classical Studies, Athens, Greece, 1892-'93; Student Greek Art, Berlin Museum, 1896; Student Archæology, American School, Athens, Greece, 1897; Professor of Greek Language and Literature, Butler College, 1884-—.

*Resigned.

HUGH THOMAS MILLER, A. M., Professor of Romance Languages.

A. B., Butler College, 1888; A. M., *ibid.*, 1895; Student History, La Sorbonne and Collège de France, Paris, 1892; *idem*, University of Berlin, 1893; Instructor in German and French, Butler College, 1889-'91; Professor of German and French, *ibid.*, 1891-'92; Professor of French and History, *ibid.*, 1893-—.

THOMAS CARR HOWE, A. M., Armstrong Professor of Germanic Languages.

Ph. B., Butler College, 1889; A. M., *ibid.*, 1892; Student University of Berlin, 1890-'92; Graduate Student Harvard University, 1896-'99; A. M., *ibid.*, 1897; Instructor in German, *ibid.*, 1898-'99; Instructor in German and Latin, Butler College, 1889-'90; Armstrong Professor Germanic Languages, *ibid.*, 1890-—.

HENRY LANE BRUNER, A. B., Ph. D., Professor of Biology and Geology.

A. B., Abingdon College, 1880; Student Sheffield Scientific School, Yale College, 1880-'81; Assistant in Marine Investigations of U. S. Commission of Fish and Fisheries, 1881-'84; Student of Comparative Anatomy, University of Freiburg, Baden, 1895-'97; Ph. D., *ibid.*, 1896; Instructor, Abingdon College, 1881-'84; Professor Natural Sciences, Eureka College, 1884-'86; Professor Biology and Geology, Drake University, 1891-'92; *idem*, Butler College, 1892-—.

*JACOB DORSEY FORREST, A. M., Ph. D., Professor of Sociology and Economics.

A. B., Hiram College, 1892; A. M., *ibid.*, 1892; Graduate Student in Political Science, Ohio State University, 1893-'94; Graduate Student in Sociology, Political Economy and Ethics, The University of Chicago, 1894-'95; Fellow in Sociology, *ibid.*, 1895-'97; Ph. D., *ibid.*, 1898; University Extension Lecturer in Sociology, *ibid.*, 1896-—; Professor of Sociology and Economics, Butler College, 1897-—.

EDWARD SCRIBNER AMES, A. M., Ph. D., Professor of Philosophy and Pedagogy.

A. B., Drake University, 1889, and A. M. (in course), 1891; B. D., Yale University, 1892; Graduate Student in Philosophy, Yale University, 1892-'94; Fellow in Philosophy, University of Chicago, 1894-'95; Ph. D., University of Chicago, 1895; Instructor, Disciples' Divinity House, University of Chicago, 1895-'97; Docent in Philosophy, University of Chicago, 1896-'97; Professor of Philosophy and Pedagogy, Butler College, 1897-—.

WILLIAM JAY KARSLAKE, M. S., Ph. D., Professor of Chemistry.

B. S., Lafayette College, 1891; M. S., *ibid.*, 1894; Private Assistant to Dr. Wolcott Gibbs, 1891-'92; Assistant in Chemistry, Pennsylvania State College, 1892-'93; Graduate Student, Johns Hopkins University, 1893-'94; Ph. D., *ibid.*, 1895; Instructor in Chemistry, University of Maryland, 1894-'95; Lecturer in Chemistry, Dalhousie University (Halifax, N. S.), 1895-'96; Chemist at Middletown, Conn., 1896-'97; Professor of Chemistry, Butler College, 1897-—.

*Absent spring term, 1899.

*MARIETTA KIES, PH. D., Professor of Rhetoric.

Graduate Mt. Holyoke College, 1881; Ph. D., University of Michigan, 1891; Student, University Zurich, and Leipsic, 1892-'93; Instructor in Latin and Mathematics, Colorado College, 1883-'85; Instructor in Psychology and Ethics, Mt. Holyoke College, 1885-'91; Instructor in Psychology and Ethics, Mills College (Cal.), 1891-'92; Principal of High School, Plymouth (Mass.), Rhetoric and English Literature, 1893-'96; Compiler and annotator of "Introduction to the Study of Philosophy," writings of Dr. W. T. Harris (D. Appleton & Co., 1888); Author of "Institutional Ethics" (Allyn & Bacon, 1894). Professor of Rhetoric, Butler College, 1898- —.

JABEZ HALL, A. M., Professor of Homiletics and Pastoral Theology.

A. B., Bethany College, 1865; A. M., Butler College, 1898; Pastor Christian Church, Wheeling, W. Va., 1866-'72; Cleveland, Ohio, 1872-'89; Richmond, Va., 1889-'97; Professor of Homiletics and Pastoral Theology, Butler Bible School, 1897- —.

BURRIS ATKINS JENKINS, A. M., B. D., Professor of New Testament Literature and Exegesis.

A. B., Bethany College, 1891; Graduate Student Yale University, 1892-'94; Graduate Student Harvard University, 1894-'95; B. D., *ibid.*, 1895; Williams Fellow, *ibid.*, 1895-'96; A. M. *ibid.*, 1896; Pastor Third Christian Church, Indianapolis, 1896-'99; Professor New Testament Literature and Exegesis, Butler Bible College, 1898- —; President University of Indianapolis, 1899- —.

WINFRED ERNEST GARRISON, B. D., Ph. D., Professor of Church History, and Acting Professor of Hebrew.

Bethany College, 1890-'91; A. B., Eureka College, 1892; A. B., Yale University, 1894; Yale Theological Seminary, 1894-'95; Divinity School, University of Chicago, 1895-'97; Ph. D., *ibid.*, 1897; Instructor in Disciples' Divinity House, University of Chicago, 1897-'98; Docent in Church History, University of Chicago, 1897-'98; Professor of Church History, Butler Bible College, 1898- —.

SAMUEL ALLEN HARKER, A. M., Professor of Mathematics.

A. B., Butler College, 1897; A. M., *ibid.*, 1899; Graduate Student in Mathematics and Astronomy, University of Chicago, 1898-'99; Superintendent Public Schools, Lena, Ill., 1892-'94; Instructor in Mathematical Department, Industrial Training School, Indianapolis, Ind., 1897-'98; Professor of Mathematics, Butler College, 1899- —.

WILL DAVID HOWE, A. M., Professor of English Literature.

A. B., Butler College, 1893; Graduate Student Harvard University, 1894-'95, 1896-'99, A. B., *ibid.*, 1895, A. M., *ibid.*, 1897; University Scholar, *ibid.*, 1897-'98; Shattuck Scholar, *ibid.*, 1898-'99; Acting Professor of English Language and Literature, Butler College, 1895-'96; Professor English Literature, *ibid.*, 1899- —.

*Resigned.

DELOS OSCAR KINSMAN, B. L., Acting Professor of Sociology and Economics.

Graduate Wisconsin State Normal School, 1891; B. L., University of Wisconsin, 1896; Graduate Student in Political Economy, Political Science, Sociology and History, *ibid.*, 1896-'98; Graduate Student in Political Economy and Political Science, University of Chicago, 1898-'99; Principal of High School, West Salem, Wisconsin, 1891-'94; Instructor in Mathematics and Science, Wisconsin Academy, 1894-'98; Fellow in Political Economy, University of Chicago, 1898-'99.

BERTHA THORMYER, A. B., Instructor in German.

A. B., Butler College, 1892; Student University of Berlin, 1896-'97; University of Heidelberg, 1897; Instructor in German, Niles (Mich.) High School, 1892-'96; Instructor in German, Butler College, 1897—.

*JAMES LILLY ZINK, Director of Physical Culture.

Graduate Vanderbilt University, School of Gymnastics, 1891; Physical Director, Indiana University, 1890-'93; Physical Director, Alton (Ill.) Y. M. C. A., 1893-'94; Director Athletics, De Pauw University, 1895; Director Physical Culture, Butler College, 1895—.

HERMAN J. BOOS, Director of Physical Culture.

Formerly Physical Director Massachusetts School of Technology; Director Physical Culture, Butler College, 1899—.

OMAR WILSON, A. M., Principal Preparatory Department and Instructor in Latin and Greek.

A. B., Butler College, 1887; A. M., *ibid.*, 1890; Professor of Latin and Greek, Oskaloosa College, 1888-'90; Principal of Preparatory Department, Butler College, 1890—.

EVELYN MITCHELL BUTLER, A. B., Instructor in English.

A. B., Butler College, 1893; Student University of Chicago, summer 1895 and summer 1896; Instructor Butler College, 1895—.

Superintendent College Residence.

MRS. GEO. W. BROWN.

*Resigned.

ORGANIZATION.

Department of the University of Indianapolis.

Butler University, by act of its Directors and of the Trustees of the University of Indianapolis, has been united with the latter institution, in which henceforth it holds the place of a department, to be designated Butler College, Department of the Liberal Arts of the University of Indianapolis. This relation does not affect the autonomy of the College, whose ownership of property and control in all matters affecting internal management remain as heretofore with its own board of directors.

Historical Sketch.

In the general conventions of the Christian churches of Indiana the founding of an institution of higher education first began to be discussed in the year 1841. A few years later a definite resolution committing them to this work was adopted. After a full canvass of the State in 1849, in order to ascertain the views of those interested in the undertaking, it was decided to build such an institution at Indianapolis, under the name of the Northwestern Christian University. A charter both liberal and comprehensive, and fitted to promote the purposes of its projectors, was obtained from the Legislature. This charter went into effect January 15, 1850, and the University was formally opened November 1, 1855. The charter provides for a joint-stock corporation, the shares of whose stock are fixed at \$100 each, on which, when paid up, or when interest on the same is regularly paid, the stockholder receives 6 per cent. per annum, payable in tuition. An amount of subscriptions sufficient for a beginning was received within about eighteen months, and then the commissioners, under the charter, proceeded to erect a substantial building and to organize the various departments and courses of study. In 1873 it was determined to remove to Irvington,

and in 1875 instruction of the college classes was begun in the new location. This removal was prompted in part by financial considerations, for the real estate belonging to the University, having been included within the city limits, had greatly appreciated, and the corporation, by putting it on the market as city lots, was able to increase largely its financial resources. It was felt, too, that a quiet suburb, withdrawn somewhat from the distractions of the city, would afford a more desirable place of residence for students. Experience has demonstrated the correctness of this view and the wisdom of the removal.

The change in the name of the institution (Northwestern Christian University to Butler University) was made February 28, 1877, after full deliberation by the Board of Directors. This change did not affect any chartered obligations of the corporation in respect to property or graduates, or its purposes, all of which have been determined by a legislative act and the recorded resolutions of the Board of Directors.

Affiliation with the University of Chicago.

By an agreement entered into by the trustees of Butler College and the trustees of the University of Chicago during the summer of 1898, the College is affiliated with the University upon terms which present the following advantages to students:

1. At each commencement of the College, the Bachelor's degree of the University will be conferred upon the member of the graduating class designated by the College as having sustained the highest average rank during the whole college course.

2. Every recipient of the Bachelor's degree from the College will receive a certificate showing that he will be entitled to the Bachelor's degree of the University upon the completion of one quarter's (twelve weeks') additional study at the University.

3. Free tuition for one quarter in the University will be granted to those who *within one year after graduation from the College* present the above mentioned certificate and become candidates for the Bachelor's degree of the University.

4. Three fellowships, yielding free tuition for one year (three quarters) will be granted annually to graduates of Butler College, nominated by the College. The holders of these fellowships may take

advantage also of the offer of free tuition to all graduates for one quarter, thus securing free tuition for four quarters. (The tuition fee at University of Chicago is \$40 per quarter.)

The regulations to which the college submits in consequence of the affiliation in no way compromise its independence, but are intended solely to enable the University to assure itself that the standard of work is being maintained at its present grade. The terms of the affiliation are a guarantee that the undergraduate course in Butler College is practically on a par with that of the University of Chicago, and that it is so recognized by the University.

Directorship.

The general control of the affairs of the corporation is vested in a board of directors, consisting of twenty-one members. These directors are chosen by vote of the stockholders from their number, a meeting for the purpose being held every third year at the office of the secretary of the board, at 2 o'clock P. M., of Commencement Day. A stockholder is entitled to one vote for each share of stock owned by him, and can vote in person or by proxy. Any stockholder is eligible to membership on the board. The members of the board serve without pay. A newly elected board organizes by choosing a president, a secretary and a treasurer. The next election of directors will be held in the year 1900.

Present Financial Condition.

The financial resources of the institution have been made to suffice for all work so far undertaken. The property of the corporation is in a highly satisfactory shape, and its endowment is kept well invested, yielding an assured income. The affairs of the corporation are in the hands of a board of directors devoted to its interests, wise and conservative in all their views, and thorough and prudent in the administration of the trust committed to them. But the demands made upon an institution of learning at the present day are greater than ever before. The college is insufficiently endowed to meet these demands, and it is hoped that the same generous spirit which created and has hitherto sustained it will prompt provision for its continued

development. The books of the corporation still remain open for subscriptions to stock.

Educational Purpose.

The paramount purpose of the founders was to build up an institution of the amplest range of culture and one which should embody also certain liberal, catholic Christian ideas which had found no emphatic recognition in then existing educational institutions. It was an attempt to put into durable and forceful activity ideas vital to social and civil progress. The wisdom of these purposes has been fully vindicated by the march of events and by the progress of public sentiment with respect to most of the ideas to which the founders sought to give prominence.

Religious Influence.

The purpose of the founders, expressed in their act of incorporation, was "to establish an institution of learning for the education of the youth," and "to teach and inculcate the Christian faith and Christian morality as taught in the sacred Scriptures." Bible instruction is made a part of all under-graduate courses of study. Attendance at daily morning prayers in the college chapel and at services on Lord's day is expected. The institution has always been religious in spirit; by the terms of its charter it must always be so. The plan of education proposed in its founding was not limited to scientific and literary and æsthetic culture, but recognizing the spiritual needs of man's nature, it included the religious element.

Higher Education of Women.

From the first opening of the College women have been admitted on the same terms as men. No special courses of study are provided for them; they pursue the same lines of work and are instructed in the same classes, except in physical training, with the young men. But co-education is not intended to be conducted with the idea that men and women are essentially alike. While it is assumed that the same mental training is good for both, and that both may receive important benefit from association in class-room work, it is held that

in matters of general welfare and deportment and in the way of special direction and advice, young women should be placed in charge of one of their own sex. It is regarded as in every way desirable that while in college they should be brought directly under the influence, and be subject to the direction, of a woman of high character, attainments and social position, who should associate with them, give suggestions and counsel, and act towards them at all times as friend and adviser. Provision has therefore been made, in the organization of the faculty, that the young women in attendance shall have the benefit of such supervision.

Facilities for Self-Support by Students.

The College desires in every way to encourage students of limited means, but it does not invite the attendance of those who are entirely without means of support. It can not undertake to furnish employment to students. Nevertheless, many young men studying for the ministry here support themselves either wholly or in part by preaching in neighboring towns. All parts of the State are within easy reach of Irvington, so that Sunday services at a distance need not interfere with the regular duties of the student. This employment, however, must be secured mainly through the student's own exertions. The College can not stand pledged to secure it for any, every such student must depend on his own ability, industry and perseverance.

Pecuniary Assistance to Students.

Frequent letters come from young persons desirous of obtaining an education, inquiring as to what assistance can be afforded students who are without the necessary means of support. To such, unfortunately, our answer can not be encouraging. The College has the merest beginning of a students' aid fund, and yet the good that might be accomplished by the judicious expenditure of even a comparatively limited amount of money, in affording assistance to deserving young men and women, is not to be estimated. In behalf of these young men and women whom a little assistance will enable to take positions of commanding influence in the church and in society, the attention of philanthropic people is called to the good that

in this way their means can be made to accomplish. The directors will gladly receive and faithfully administer any endowment that may be placed in their hands for this purpose.

Christian Associations.

The Young Men's Christian Association and the Young Women's Christian Association are voluntary organizations of students and instructors for the promotion of religious culture and for Christian work in college. Their members are sincere and energetic, and always extend to new students a very cordial welcome. The two associations hold a joint prayer-meeting every Monday evening, thus greatly assisting in maintaining Christian zeal among the students. A committee from each of these associations is in attendance during the first week of the fall term for the purpose of assisting those entering college, with information in regard to rooms, etc., and in general to afford any assistance in their power, which students who are strangers in Irvington may feel inclined to seek from them. The Y. M. C. A. and the Y. W. C. A. unite in a social given at the beginning of each term, to which all students are invited. This affords opportunity for old students to welcome new, and for all to cultivate more intimate acquaintance. All students who are church members are eligible to active membership in these associations. Students not identified with any church may become associate members.

The Collegian.

Under this title a university magazine is published monthly, its editors consisting of representatives of the various departments. For the past year the representatives of Butler College on the editorial staff of *The Collegian* have been the following: Robert W. Hobbs, '99, editor-in-chief; Ethel Cleland, '99, assistant editor; Anson L. Portteus, business manager; together with the following as associate editors: Nellie May Griggs, '00; Sara Kingsbury, '99; Emily Helming, '99; Edith Keay, '99; Carl W. McGaughey, '01; Charles H. Bass, '99; Elizabeth Campbell, '99; Ernest B. Graham, '00; Joseph I. Sweeney, '01; John M. Cunningham, '01.

The following named persons have been chosen by the faculty as representatives of the College for the session of '99-'00: Carl R.

Loop, '00, editor-in-chief; Nellie May Griggs, '00, assistant editor; John M. Cunningham, '01, business manager; and associate editors as follows: Esther F. Shover, '00; Grace F. Gooken, '00; Joseph I. Sweeney, '01; Ernest Talbert, '01; Hope L. Whitcomb, '02; Wesley H. Adkinson, '02. Of the professional schools each class selects a class editor; from these the editor-in-chief selects an assistant editor.

The Collegian is furnished to all students of the college on application without charge. Students and graduates are cordially invited to contribute illustrations, articles, verses, letters and information.

The Annual.

A paper under the above title and devoted to college interests, is issued each year by the Senior class of Butler College. The following named persons compose the editorial staff for the year '98-'99: Editor-in-chief, Robert W. Hobbs; assistant editor, Edith Keay; associate editors, A. L. Ward, Sara Kingsbury, Emily Helming, Mary Marsee, Elvet Moorman, Bertha Mason, Ethel Cleland, Elizabeth Campbell; business managers, Stanley Grubb and Elvet Moorman. Subscription price, \$1.00.

Inter-Collegiate Debate.

The College has engagements for two Inter-Collegiate debates annually; one, which takes place in the winter term, is contested with DePauw University; the other, in the spring term, with Notre Dame University. For each debate a semi-final primary is held, dates for which will be found given in the College calendar.

The question for debate with DePauw University for the current year was: "Resolved, That the Philippines should be annexed to the United States, *i. e.*, as territory." The contest was held at Greencastle, March 3, 1899, Butler winning the decision of the judges in favor of the negative. Butler contestants—Orval Mehrling, Chas. H. Bass, Robt. W. Hobbs.

The question for debate with Notre Dame University for the current year is: "Resolved, That under existing conditions the abolition by all civilized nations of their armies and navies, other than those required for domestic police, is feasible." At time of going to press this debate has not yet been held. The University of In-

dianapolis will present the affirmative side of the question, and Notre Dame University the negative side. The representatives of the former are Robert W. Hobbs, Arts Department; Frederick Van Nuys, Law Department; Orval Mehring, Arts Department.

Freshmen and Sophomore Debate.

In the fall term, annually, a debate is held between representatives of the above classes. The date fixed for this debate will be found by reference to the College calendar.

Oratorical Association.

Seven colleges, of which this institution is one, compose the Indiana State Oratorical Association. The local association is composed of members of the college classes. The object of this association is to advance oratory by encouraging students to write and deliver orations. Preliminary contests are held annually to decide upon a representative for the State contests. Contestants are judged on thought, composition and delivery. Three judges are selected by the faculty on thought and composition, while the association elects three judges on delivery. The contestant receiving the highest average awarded by the judges represents the College at the State contest. If the contestant be successful there he represents the State of Indiana in the Inter-State contest, composed of ten western states. The work done in this department has proved very beneficial to those who take part, and has greatly advanced interest in oratory in the College.

The representative of the College in the State contest this year (1899) was Charles Herbert Bass, '99.

Literary Society.

The Philokurian Literary Society, organized in 1876, holds weekly meetings in its hall at the College. Its membership was originally confined to young men, but during the current year young women also have been admitted. The society is in a highly prosperous condition, and all students are invited to become members. An inaugural of officers-elect is given at the beginning of each term. The officers for the present term (spring 1899), are; President, E. W

Johnson; vice-president, E. E. Thompson; secretary, Byron Custer; monitor, T. B. Dilts; treasurer, R. B. Helser; first critic, J. H. Stevens; second critic, Orval Mehring; librarian, Clarence Dobson; marshal, S. D. Watts.

The Athletic Association.

The former college organization for the purpose of athletic exercise has been merged into a University Athletic Association, the constitution of which provides for a board of control consisting of a representative from each department, together with two alumni members of the University, and a member of the faculty of Butler College. This board has absolute authority in all matters relating to athletics, and is represented by an executive committee consisting of three members, one of whom the constitution provides shall be the faculty member from Butler College. Its members are elected annually by the members of the association in the several departments.

Any professor, alumnus, or student of the University may become a member of the association by subscribing to the constitution and paying the membership fee of twenty-five cents per year. Each department of athletics is governed by a manager elected by the board. An annual field day is held each spring, the events including all kinds of field and track athletics. The rules of the Inter-Collegiate Foot-Ball Association, National Base-Ball Association, Amateur Athletic Association, and American Lawn-Tennis Association govern the contests. Members of teams and contestants in athletic games must be members of the association.

Gymnasium Practice.

Regular exercise in gymnastics is provided as a means of health, and is supervised by a competent instructor. This exercise is required of students of the lower classes, but is optional with Juniors and Seniors.

Literary and Musical Advantages.

The location of the College in the immediate vicinity of Indianapolis makes it possible for students to hear the best lecturers and singers, various organizations in the city offering every winter valuable courses

of entertainments. Because these advantages are thus offered and are so far superior to anything that a college could secure, the faculty does not find it necessary to make unusual provision for such entertainments.

The College does not provide instruction in music, aiming to engage fully the attention of the student in other directions. In case, however, such instruction is desired, competent masters can be recommended. Schools of music of the first rank are conducted in the city, and students of the College can avail themselves conveniently of the advantages of these.

Graduate Students.

For purposes of advanced study the College extends its privileges to its own graduates and to graduates from other colleges of like standing, and it confers an advanced degree under conditions described elsewhere. Graduate students, not candidates for a degree, also, are received.

Memorial Gifts.

The Board of Directors would encourage gifts in the form of endowments of various chairs of instruction. The sum of \$20,000 to \$30,000 subscribed in stock will secure to the subscriber the privilege of conferring a name on the chair so endowed and of nominating an incumbent, subject to the approval of the board. Smaller amounts can be devoted to equally useful purposes. Subscriptions of \$1,000 to \$5,000 can be devoted to the founding of scholarships for the benefit of deserving young people who stand in need of assistance, and of prizes for the reward and encouragement of the ambitious. These scholarships would be awarded worthy students on competitive examinations and the recipients expected to assume some work as assistant instructors, thus rendering the faculty valuable and much needed help.

LOCATION AND BUILDINGS.

Location.

The College is located at Irvington, a pleasant and healthful residence suburb of Indianapolis, with which it is connected by two railroads, the Pittsburgh, Cincinnati and St. Louis, and the Cincinnati, Hamilton and Indianapolis, and also by electric street cars, making quick trips every seven minutes. It is thus easily accessible from all parts of the country. It can be reached from any part of the State within a few hours. Irvington is regarded as the most attractive place for suburban residence in the vicinity of Indianapolis. Its population consists chiefly of those who have been drawn thither by educational inducements. This gives it a special character of cultivation and good order, while as a home for students it is singularly free from the temptations and dangers often surrounding college life. There are no drinking saloons in the town or in its vicinity. However, the College does not offer itself as a reformatory institution, and it will not suffer the attendance of the wayward or idle. Its facilities are offered to those only who earnestly desire mental improvement.

Main College Building.

The main college building is of brick, trimmed with stone, having a frontage of 135 feet and a depth of 75 feet, containing in all twenty-four recitation rooms, besides halls, corridors, cloak and retiring rooms. It is heated throughout by steam, supplied with water and lighted by electricity, and in its internal finish and arrangements thoroughly suited to the purposes for which it was designed. For convenience, commodiousness and comfort it is all that could be desired.

Library Hall.

This building is three stories high, constructed of brick and trimmed with stone. It has a frontage of 100 feet and a depth of 55 feet. It contains six commodious recitation rooms, the museum hall, and the chemical and biological laboratories. The architecture is modern and exceedingly attractive, and all its appointments are well adapted to the uses for which the building was designed. The classes of the Preparatory department are now taught in this building, by experienced educators, and under the present efficient organization superior advantages are offered to students preparing for college.

Astronomical Observatory.

An observatory building has been erected on the high ground in the northeast corner of the Campus. In its construction are embodied whatever conveniences are necessary for the efficient use of the equatorial telescope. The building is octagonal, resting on a deep foundation, sided externally with sheet iron, and having a revolving dome, with sliding panel, giving unobstructed sky-view from horizon to zenith. The instrument rests on a pedestal, which stands on a column of brick and stone, which is protected from the effects of external temperature changes by a detached inclosing cylinder of the same material. The telescope is equatorially mounted by Fauth & Co., of Washington, with the usual adjuncts of declination and hour circles, and clock-work for diurnal rotation. The object glass of six inches diameter was made by the firm of Alvin Clark & Sons, of Boston, and, with the half dozen eye pieces, gives a perfection of work which does no discredit to the manufacturers. The focal distance of object glass is eight feet, and the magnifying power of the instrument ranges from seventy to five hundred diameters. The performance of the telescope, so far as tried here, has been very satisfactory. A large number of tolerably difficult double stars and nebulae have been tried with the highest power and with good success. With the planets and satellites the lower powers, as usual, give the best results, including excellent definition.

College Residence.

This is a tastefully and substantially constructed brick building, three stories high, containing large parlors, spacious dining-room, wide halls, and thirty well-ventilated rooms. It is provided throughout with steam heat and electric lights. Young people here find a comfortable home, with pleasant surroundings, at a moderate price. Everything necessary is furnished except towels. Price of board and room ranges from \$2.80 to \$3.00 per week, according to location of room. Young men lodging elsewhere may take their meals at the hall. Table board will be furnished at \$2.50 per week. For further information, address the superintendent.

Libraries.

The College library contains about six thousand volumes, chosen for the most part with special reference to the needs of students. Each department is furnished with important books pertaining to its work, and each year additions are made of the latest and best works in Science, Literature and Art. The cyclopedias, maps, lexicons, and the manuals of special sciences, are numerous and of the latest results in research. These afford students ample means of reference in their class studies and are sufficient for special or graduate courses of study. The reading-room connected with the library is spacious and well lighted. It receives regularly the best publications, weeklies, monthlies and quarterlies, of this country and Europe. The advantages of the library and reading-room are open alike to all classes of students in the college.

The following periodicals are taken, and will be found on the tables in the reading-room:

American Chemical Journal.
 American Historical Review.
 American Journal of Science.
 American Naturalist.
 American Journal of Philology.
 Anatomischer Anzeiger.
 Astro-Physical Journal.
 Atlantic Monthly.
 Bibliotheca Sacra.
 Biblical World.
 Botanical Gazette.
 Century Magazine.

Christian Standard.
 Christian Evangelist.
 Christian Guide.
 Christian Leader.
 Classical Review.
 Contemporary Review.
 Critic.
 Critical Review.
 Edinburgh Review.
 Expositor.
 Fliegende Blaetter.
 Forum.

Geology, Journal of.
 Germanic Philology, Journal of.
 Harper's Monthly Magazine.
 Harper's Weekly Magazine.
 Hebraica.
 Homiletic Review.
 Independent.
 Indianapolis Daily Journal.
 Indianapolis Daily Sentinel.
 Illustrirte Zeitung.
 Journal of Morphology.
 Modern Language Notes.
 Monist.
 Nation.
 Nature.

Nineteenth Century.
 North American Review.
 Philosophical Review.
 Popular Science Monthly.
 Political Science Quarterly.
 Political Economy, Journal of
 School Review.
 Scientific American.
 Scientific American Supplement.
 Scribner's Magazine.
 Semitic Language and Literature,
 American Journal of.
 Sociology, American Journal of.
 Theology, Journal of.
 Yale Review.

In addition to the above, students have access to public libraries (city, state and county) containing in the aggregate more than 100,000 volumes. Among these may be named the Public Library of Indianapolis, which occupies a handsome stone building erected for its use by the city, and contains 65,000 volumes. It has connected with it a commodious reading-room for the use of those that may wish to consult books of reference, or read the papers and periodicals kept there for that purpose. The reading-room is open to the public from 9 A. M. till 9 P. M. every day of the week, and any student of the College has the further privilege of withdrawing books from the library for home reading.

The State Library, also, offers its advantages to students. It occupies elegantly appointed rooms in the state house, and ample accommodations are provided for those that desire to consult the works contained therein. It has on its shelves 26,000 volumes.

Museum.

In the collections of the University there is abundant material for illustrating the sciences of Zoology, Mineralogy and Geology. Some of the materials have been obtained by purchase, some have been contributed by the friends of the institution and some by the National museum, while a considerable portion has been collected by the professors who have occupied the chair of Natural History. The museum contains the following collections:

1. A series of fossils and rocks illustrating the geology of the Mississippi Valley, especially that of Indiana and Ohio.

2. A collection of the fresh water fishes of the United States, made principally by Drs. D. S. Jordan and O. P. Hay.
3. A series of marine fishes from the United States National Museum.
4. Reptiles and amphibians of Indiana, collected by Dr. Hay and others.
5. A large collection of representative minerals.
6. Land, fresh water and marine shells including about four thousand specimens.
7. A considerable number of aboriginal stone implements from the United States.
8. A collection of marine invertebrates, mainly from the New England coast, deposited by Prof. Bruner.
9. Marine invertebrates from the Atlantic, Gulf and Pacific coasts, presented by the National Museum and the Fish Commission.

Chemical Laboratory.

The laboratory is well furnished for work, being conveniently arranged and supplied with gas, water, hoods, means of ventilation, and all necessary chemicals and apparatus for work in all branches of the science provided for in the course of study. To each student is assigned his own desk with separate outfit of apparatus and chemicals. Students will be required to pay for all apparatus actually broken or injured.

Biological Laboratory.

The laboratory is well equipped to meet the demands of the work undertaken. Dissecting instruments, slides and covers are supplied at cost. In case of breakage or injury to apparatus the loss must be borne by the student.

The laboratory is provided with its own working library.

The Gymnasium Building.

This structure has been designed and built for two especial purposes—one, to provide suitable quarters for physical culture; the other, to accommodate the boilers, engine and dynamos for warming and lighting the buildings and lighting the College grounds. This

building is of deep-red brick trimmed with buff limestone, and is supported upon a massive stone foundation. The roof is trussed and covered with black slate. Within, on the east side, are the great boilers, from which all the buildings obtain their heat and the engine-room its power for generating the electric light. Everything connected with this heating and lighting plant has received the most careful study and attention, and the apparatus and machinery selected are of the latest and most approved patterns.

The gymnasium is immediately in the rear of the above, and though externally a part of it, is entirely a structure of itself. The entrance is from the north through a large archway into an outer vestibule, through this to an inner vestibule, thence into the large hall thirty-five feet wide by fifty-eight feet long, well lighted and ventilated.

At the north end of the building are the bath-rooms. Shower-baths and washstands are provided with fittings for hot and cold water and valves for regulating the temperature. The floors are encaustic tile, with marble base border; the walls are wainscoted with yellow pine, finished to show the natural wood. The large hall is finished in yellow pine; the floor is double, finished with hard oak. New sanitary fittings have also been added, so that the whole is one of the most complete buildings of its kind.

The gymnasium is furnished with the most important modern apparatus and equipped with all kinds of special machinery used in individual work to overcome deformities and physical weaknesses.

REQUIREMENTS FOR ADMISSION.

All candidates for admission to the Freshman class, except those provided with certificates or diplomas as specified below, are required to pass satisfactory examinations in the subjects, or their equivalents, named below, counting an aggregate of thirty-six entrance credits. The term *Entrance Credit* is taken as representing approximately one term's (12 weeks') work of five recitation-periods, of one hour each, a week. The time spent is not, however, regarded as an exact measure of the quantity, or range, of work, and the entrance credit is held as an average measure:

English.

Nine entrance credits.

The examination in English will consist of two parts which must be taken together:

1. The candidate must show an intelligent acquaintance with the elements of Rhetoric as found in any standard work.

2. The Candidate will be required to write a paragraph or two on each of six topics chosen by him from ten set before him on the examination paper. In 1899, the topics will be taken from the following works:

Goldsmith's *Vicar of Wakefield*; Addison's *Sir Roger de Coverley Papers*; Coleridge's *Ancient Mariner*; Burke's *Conciliation with America*; Cooper's *Last of the Mohicans*; Lowell's *Vision of Sir Launfal*; Hawthorne's *House of Seven Gables*; Shakespeare's *Macbeth*.

The candidate will be expected not to know the books intimately but to have individual impressions about them and be able to tell the story, describe a prominent character, etc. In every case the candidate's ability to write English correctly and to express himself clearly will be the most important evidence.

No work will be accepted which is seriously defective in spelling, punctuation, grammar or division into paragraphs.

As additional evidence of preparation the candidate may present other written work which must be properly certified by a former teacher.

Moreover the English written by the candidate in any of his entrance examinations may be regarded as a part of his examination in English.

Latin.

Nine entrance credits.

The examination will be adapted to the proficiency of those who have studied Latin in a systematic course of four to five periods a week for three years. The examination will include:

1. Questions on the subject-matter, constructions, and the formation and inflection of words in the following authors: Viri Romae; Cæsar, four books of the Gallic War; Cicero, six orations and selections from Cicero's Letters; Virgil, five books of the Æneid, with prosody.

2. Translation at sight of passages of average difficulty from Cæsar and Cicero.

3. Translation into Latin of a piece of connected English based on principles contained in the first forty-six lessons of Allen's Introduction to Latin Prose Composition.

Thorough acquaintance with grammatical forms and rules is required. The rules of quantity should be learned along with the declensions and conjugations. The Roman method of pronouncing Latin is used.

One of the following languages :

Six entrance credits.

The examination will be adapted to the proficiency of those who have studied any one of the following languages in a systematic course of four to five periods a week for two years:

GREEK. 1. All Attic forms with accents. Four books of Xenophon's Anabasis with Xenophon's Symposium and Cyropædia.

2. Greek Prose Composition (Higley's Greek Prose Composition or the first two parts of Allison's). Equivalents may be offered.

FRENCH. 1. The translation at sight of standard French. The passages set for translation will be suited to candidates who have read not less than 750 duodecimo pages of classical and contemporary prose and verse from the writings of at least five standard authors. It is important that all the translation should be done into clear and idiomatic English.

2. The translation into French of a passage of English prose.

In preparation for this examination candidates will be expected to have acquired a thorough knowledge of accidence and a familiarity with the essentials of French syntax, especially the uses of the modes and tenses, and also with the commoner idiomatic phrases.

Courses 1 to 6 in this catalogue (p. 51) will indicate the entrance requirements where French is offered.

GERMAN. 1. The translation at sight of ordinary German. In preparation for this examination candidates will be expected to have had at least one year's study of some such grammar as Joynes-Meissner or Collar's Eysenbach, with easy reading and German prose composition; and to have read some three hundred pages of easy prose such as that of Hauff, Heyse, Riehl, and Baumbach. It is important that all the translation should be done into clear and idiomatic English.

2. The translation into German of a passage of easy English prose.

Thorough acquaintance with grammatical forms and rules is required, special attention being given to strong verbs, gender and plurals of nouns, word formation, and inflection.

Courses 1 to 6 in this Catalogue (page 50) will indicate the entrance requirements where German is offered.

Mathematics.

Six entrance credits.

A knowledge of the metric system and ability to perform accurately the ordinary processes of Arithmetic are presumed. The examination will include:

1. **ALGEBRA.** Definitions and fundamental operations, factoring, fractions, simple equations, involution, evolution, radicals, theory of indices, surds, imaginary quantities, quadratic equations, inequalities, ratio, proportion and variation, and the solution of problems. Subject as given in Hall and Knight's Elements of Algebra, or an equivalent.

2. **GEOMETRY.** Plane and solid, complete, including definitions, propositions and the solution of original exercises and numerical problems. Wentworth's or an equivalent.

The entrance requirement in Algebra is equivalent to three and one-half ($3\frac{1}{2}$) credits, plain Geometry to one and one-half ($1\frac{1}{2}$) credits and solid Geometry to one (1) credit.

History.

Three entrance credits.

One of the following groups:—

1. The History of Greece and Rome and either English or American History.
2. General History as presented in such a work as Myer's General History, and either English or American History.
3. Ancient History, English History and American History.

For preparation in each of these groups the equivalent of one year's work of not less than five periods a week is necessary.

Ancient, Grecian, Roman, English and American Histories are each equivalent to one (1) entrance credit, while General History is equivalent to two (2) entrance credits.

Science.

Three entrance credits.

In satisfying this requirement the candidate may offer either a year's work in any one of the sciences, Biology, Chemistry or Physics, or he may offer the following:

1. **PHYSICS.** The examination will be based upon such elementary text-books as Avery's School Physics, Carhart & Chute's Elements of Physics Gage's Elements of Physics, etc. Special attention will be given to the solution of problems.

2. **BIOLOGY.** Either Zoölogy or Botany.

a. **Zoölogy.** Such text-books as Kingsley, Packard, Colton or Bumpus will serve as an index of the character of the work required.

b. **Botany.** The examination will be based upon such text-books as Bergen's, Barnes', Clark's, Bessey's or Adkinson's.

In Zoölogy and Botany the work shall include the study of structure, and little credit will be allowed for work done in the simple identification of species of either animals or plants. In any case, laboratory practice will be required in addition to the text-book work, and certified note-books containing the record of the work done must be handed in for inspection and approval.

Enrollment and Registration.

The applicant for admission, whether to College, Divinity School or Preparatory Department, will report to the president for enrollment, from whom he will receive a blank to be filled out with a statement of credits due and a plan of studies to be undertaken. For this purpose he will be referred to a professor who will act as his adviser.

This registration paper, when properly filled, is to be filed with the registrar, who will issue an order of admission to the classes designated, and a statement of fees due therefor. On presentation to the several professors of this order, with the treasurer's receipt for payment of fees, the student will be admitted to classes.

The student is required to enroll his name and register his studies as above directed, each year, on first entering. Enrollment is but once each year. Further registration is provided for as follows: At the close of the Fall and of the Winter terms (dates are fixed in the college calendar) the student will arrange with his advisory professor a plan of study for the following term, which he will at once file with the registrar. On the first day of the following term (date fixed in College calendar) he will report to the registrar, who will issue order, etc., as above stated.

No fee is charged for registration when attended to at appointed time; otherwise a fee of \$1.00 will be charged.

Examinations in all the subjects required for admission are held in June and September (see calendar).

A candidate may enter the College at any time provided he is competent to take up the work of the classes then in progress; but it is better to begin at the opening of the year or term.

Admission to Freshman Class without Examination.

Certificates of work done in public or private schools of approved standing are accepted in lieu of examinations, subject to the following conditions:

1. The student's application for admission must be accompanied by a certificate from the principal of the school from which he comes.
2. This certificate must furnish full and specific information concerning the applicant's studies, the time that he has devoted to them, and should indicate, by means of the usual marks, his proficiency therein.
3. The candidate presenting the certificate of a principal will, however, not be exempted from the entrance examination in any particular subject unless his certificate shows that he has satisfactorily accomplished the full amount of work in that subject. And further, in harmony with a recommendation adopted at a meeting of the college presidents of Indiana, held at Indianapolis, November 17, 1893,

every candidate for admission to College, whether from a commissioned high-school or other, shall be subject to examination in English for the purpose of determining his ability to use the English language correctly.

4. Admission on certificate will, in every case, for the first term, be regarded as merely *provisional*. Should the student, after a term's residence, be found to be unable to pass the examinations of the class to which he has been temporarily assigned, he will be required to accept such other classification as may be deemed equitable.

The acceptance of certificates is regarded as a favor to the candidate and a courtesy to the certifying school, and it is hoped that the requirements of the College, in regard to their nature and form, will be fully complied with.

Admission to Advanced Standing.

1. *By Examination*. Candidates for advanced standing, coming from a high-school or other fitting school, may secure such advanced standing only on examination; but students coming from the Indianapolis High School and the Indianapolis Manual Training High School may receive credit for advanced standing without examination at the option of the professors of the departments concerned.

2. *By transfer of Credits*. Candidates for advanced standing coming from other colleges or universities must obtain certificates from said institutions certifying to the subjects they have passed examinations upon, the degree of proficiency attained therein, and the number of weeks and hours per week the respective subjects were pursued. This also includes record on the entrance requirements to the institution.

The application for advanced standing must be made within six weeks after matriculation. No credit will be given for advanced standing after this date.

In all cases candidates for admission must furnish satisfactory evidence of good character, and those coming from other colleges must bring a certificate of honorable dismissal. No student is considered fully a member of his class, or of the institution, until he has passed at least one term satisfactorily to the faculty, during which

time he may be assigned to another class, or, if his connection with the College is deemed undesirable, he may be privately dismissed.

No student will be graduated without doing at least the last three consecutive terms' work in actual residence at the College.

Entrance Conditions or Deficiencies.

No person will be admitted to regular standing as a candidate for a degree who has entrance deficiencies amounting to more than three entrance credits. All regular students who are conditioned on entrance must begin at once to make good their deficiencies; and no student can be classed as a Junior or Senior until he has removed all entrance conditions.

Special Students.

Any person who is not a candidate for a degree may be admitted as a special student and allowed to pursue a special course of study under the following conditions:

1. A written application must be made upon a blank form furnished for that purpose, stating the end the applicant has in view and the study or studies he wishes to pursue. This application must be filed with the president on a day regularly appointed for registration.

2. If under 21 years of age, the applicant must satisfy the requirements for admission for regular students to the extent of at least eighteen entrance credits, nine of which must be the English requirement; the remaining nine entrance credits are elective.

3. If over 21 years of age, only the English entrance requirement of nine entrance credits is demanded.

4. Only persons having a definite end in view, approved by the committee on special studies, will be accepted as special students.

5. No regular student who fails in his work will be allowed to become a special student until he has made good his failures.

6. Special students are subject to the same regulations as regular students with regard to the quality of work performed, and attendance at recitations and examinations. The faculty may at any time deprive any special student of his privileges if it appears that he is abusing or neglecting them.

REQUIREMENTS FOR GRADUATION.

In addition to the 36 entrance credits explained elsewhere, (see page 34), there are required for graduation 38 majors of class instruction.

A *major* is the equivalent of 5 hours' class-room work each week for a full term. Where laboratory work is carried on, two to three hours in the laboratory are equivalent to one hour in the class-room. In some of the more advanced courses, where much private work may profitably be laid out for the student, the number of hours each week which shall be equivalent to a major may be determined by the instructor. A *minor* is equal to one-half of a major.

The 38 majors of class work required for graduation are distributed as follows :

English	Courses 1, 2, and 3.....	.3 majors.	
Foreign Language..	Continuation of one offered at entrance.	3	"
Foreign Language..	Elementary German, French, Greek, Hebrew or Spanish, not offered at entrance	3	"
Mathematics.....	Course 1	1	"
History	" 1, 2.....	2	"
English Bible	" 5	1	"
Chemistry or } Biology }	" 1, 2 and 3	3	"
Psychology.....	" 1	1	"
Economics.....	" 2	1	"
*Physical Culture..	" 1-6	2	"
Elective		18	"
Total		38	

The list of required courses given above includes, in addition to those of the year 1898-'99, 1 major each of History and Economics, and 2 majors of Natural Science. These additional courses will not

* Students physically incapable of doing the gymnasium work will be required to substitute two major courses of electives.

be required of former students enrolled in classes above those in which such courses are offered (see p. 42).

The total requirements for graduation are shown by the following conspectus :

Subjects.	Entrance Credits.	College Majors.	Total Credits.
English	9	3	12
Foreign Languages	15	6	21
Natural Sciences	3	3	6
Mathematics	6	1	7
History	3	2	5
English Bible	0	1	1
Psychology	0	1	1
Economics	0	1	1
Physical Culture	0	2	2
Electives	0	18	18
Total	36	38	74

Upon the satisfactory completion of the aggregate requirements as here given, and the presentation of a thesis acceptable to the faculty, the student is entitled to receive the degree of Bachelor of Arts.

Number of Courses to be Pursued.

Students, as a rule, will assume not more than three courses of the value of one major each during any one term. A fourth course may be taken only in case the student's average grade for the term next preceding shall have been as high as 80; and an additional fee of \$2.00 will be charged therefor. These restrictions do not apply to the physical culture classes. In any case the subjects chosen must not conflict in times of recitation, and all work, to receive credit, must be done in class.

The Arrangement of Required Courses.

The order in which the various subjects may best be taken up, except in cases hereinafter indicated, is as follows :

FRESHMAN YEAR.

<i>Fall Term.</i>	<i>Winter Term.</i>	<i>Spring Term.</i>
Mathematics.	English.	English.
Advanced Language.	Advanced Language.	Advanced Language.
Beginning Language.	Beginning Language.	Beginning Language.

SOPHOMORE YEAR.

<i>Fall Term.</i>	<i>Winter Term.</i>	<i>Spring Term.</i>
English.	History.	History.
Natural Science.	Natural Science.	Natural Science.
Psychology.	Bible.	Economics.

JUNIOR AND SENIOR YEARS.

If Psychology, Bible and Economics are not completed in the Sophomore year, those courses must be taken in the Junior year. These studies, except Bible, should be elected in the Sophomore year only by mature students who desire to specialize as far as possible in the departments in question. If the order suggested above is pursued, all courses of the Junior and Senior years are elective, under the regulations given below.

The above order, however, will not be found best suited to the needs of students who desire to carry forward both languages offered at entrance. In such case it is very desirable that neither language should be interrupted in the Freshman year. Such students may therefore pursue throughout the Freshman year one of the languages offered at entrance as all students are required to do, and, instead of the new language usually begun, may elect advanced courses in the other language which they have pursued in the fitting school. One of these languages may be continued through the Sophomore year; both, if the student is permitted to carry four studies.

For this, or any other sufficient reason, the student may depart from the suggested order and arrange his courses according to his own wishes under the following conditions:

1. Every regular student must take at least two major-courses of prescribed work each term until the total amount of prescribed work required for graduation shall have been completed. The remaining

course or courses of study during each term may be either prescribed work or free electives at the option of the student.

2. A student must so arrange his courses of study that the required work in Mathematics, English, Advanced Foreign Language, Science and History will be taken in the order here given as soon as their prerequisites and the time of recitation will allow.

3. Prescribed work must take precedence of elective courses.

4. The work in a required subject once commenced must be completed as consecutive courses. The required work in Psychology and Political Economy can not be taken earlier than the Sophomore year, while that in Science can not be delayed later than that year.

The Arrangement of Elective Courses.

1. During the Junior and Senior years, six majors must be taken in one department. A thesis shall be prepared upon some subject pertaining to the work of this department. The subject of the thesis must be announced by the student, after consultation with the instructor in charge, not later than Saturday of the last full week of the fall term; and the completed thesis must be handed to the instructor not later than the first Saturday in June of the year in which the student expects to be graduated.

2. Credit will be given for no more than nine majors elected from the courses offered for undergraduates by the Bible College.

3. Not more than two majors in any term may be elected from a single group of departments, as follows:

I. ANCIENT LANGUAGES.

II. MODERN FOREIGN LANGUAGES.

III. ENGLISH.

IV. PHILOSOPHY AND PEDAGOGY.

V. SOCIOLOGY AND ECONOMICS.

VI. HISTORY AND POLITICAL SCIENCE.

VII. NATURAL SCIENCES.

VIII. MATHEMATICS AND ASTRONOMY.

4. In making his choice the student is limited to those studies which his previous training qualifies him to pursue; and he must observe any restrictions and prerequisites that may be attached to the particular courses he wishes to select.

Requirements for Second Degree.

The College confers the degree of Master of Arts on applicants holding the corresponding baccalaureate degree. In case the applicant's undergraduate work has been done at another college, he is required to show that such work is fully equivalent to that required for the baccalaureate degree at this college. Applicants from colleges of lower grade are required to fulfill deficiencies before being admitted to graduate courses.

The degree of Master of Arts is conferred subject to the following conditions: (1) In case of non-residence the candidate for Master's degree is required to pursue a course of graduate study for at least two years under the direction of the faculty, pass satisfactory examinations and present a thesis on one of the subjects studied. (2) In case of residence the candidate is allowed to limit his course of study to one year (at least nine major courses being completed, six of which must be in one department), provided that he, during that time, attend regularly all the exercises that may be assigned him, pass satisfactory examinations and present a thesis on one of the subjects studied. The work of candidates for Master's degree may consist (a) of subjects especially assigned to individual students and (b) of lines of study to be selected, under the direction of the faculty, from undergraduate elective work, which, in the case of resident students may, in certain cases, be pursued along with undergraduate classes; but no work done by a student while yet an undergraduate shall be allowed to count anything toward fulfilling the requirements of a graduate course. In all cases the work of candidates for degree of Master of Arts is subject to the approval of the faculty committee on graduate work, and to this committee all proposed graduate work must first be submitted. Copy of thesis to be deposited in the Library.

COURSES OF INSTRUCTION.

When an announced course has not been applied for by at least three students, candidates for a degree, the instructor shall be at liberty to withdraw the course.

Class exercises are daily, unless otherwise indicated in statement of courses.

All courses are majors unless otherwise indicated.

Bracketed courses will not be offered in '99-'00.

I.

LATIN.

PROFESSOR BUTLER.

General Statement.

The aim of the work in this department is—

1. To teach the student of fair ability and industry to read Latin understandingly and with reasonable facility. In order to the attainment of this end, during the earlier courses, special attention is given to forms, constructions and idioms. The reading of authors is accompanied with careful solution of whatever grammatical questions the text may present. The main part of the syntactical instruction, however, is given through exercises in Latin writing, such exercises being associated daily with the regular work in reading and translating Latin authors.

2. To make the student acquainted with the literature of the language, by reading considerable portions of the more important authors and by the study of the history of Roman literature.

3. To acquaint the student with Roman public and private life through the study of Roman history and of the archæology of Roman life, social and political.

Courses.

1. LIVY, BOOK XXI: Reading and translation; explanation of grammatical forms; Latin writing on material furnished by the text.
Fall, 10:30.
2. CICERO DE SENECTUTE: Construction of the Latin sentence; composition of words; Latin writing and Latin oral exercises.
Winter, 10:30.
3. HORACE'S ODES: Study of Horatian metres; Mythology. This course is mainly occupied with the literary side of the author studied.
Spring, 10:30.
4. PLAUTUS, CAPTIVI AND TRINUMMUS: Attention given to ante-classical forms and constructions. Collateral historical work; informal lectures (one hour per week) on the rise and development of Roman institutions, with assigned reading.
Fall, 11:30.
5. HORACE, SELECTED SATIRES AND EPISTLES: The student is expected to study each poem as a whole, carefully tracing the thought in its relation to the main theme. Collateral historical work of course 4, continued.
Winter, 11:30.
6. TACITUS, AGRICOLA AND GERMANIA: The author will be studied as illustrating the history and civilization of his time. Frequent exercises in translating at sight will be required.
Spring, 11:30.
7. HISTORY OF ROMAN LITERATURE: Selections from some of the early writers (to be taken, in part, from the collection of Peck and Arrowsmith). In this course and in courses 8 and 9, following, the reading of authors will be made basis of a connected study of the whole field of Roman literature.
Fall, 2.
8. HISTORY OF ROMAN LITERATURE: Selections from writers of the Augustan Age, history of Roman literature (as in course 7) continued.
Winter, 2.

9. HISTORY OF ROMAN LITERATURE: Later Roman writers; History of literature continued. In these courses on the history of literature, the student is expected to make himself acquainted at first hand with the principal authors treated of; further instruction will be given by lectures and by directing collateral reading. *Spring, 2.*
- [10. ROMAN ORATORY: Tacitus de Oratoribus with selections from Cicero. *Fall.*]
- [11. ROMAN SATIRE: Horace, Juvenal: A study of the elements and development of satire with a comparison of the Roman writers in this field of literature. *Winter.*]
- [12. LATIN ELEGIAC POETRY: Catullus, Tibullus, Propertius and Ovid: a comparative study. *Spring.*]

GREEK.

PROFESSOR BROWN.

General Statement.

The aims of this department are:

(1) Discipline. An accurate knowledge of the forms is insisted upon, particularly in the first years of work. Grammatical points and idiomatic expressions are discussed in the class. This is done by the writing of Greek prose as well as from the author read.

(2) A knowledge of the literature, history and mythology of the Greeks. It is the purpose to reach this by the reading of authors from Homer to Lucian. The main point is the study of the literary merits of the author read, together with a careful investigation into the conditions under which he wrote and the times in which he lived. It is hoped thus to have courses in reading covering the epic poets, the tragedians, the comedians, the orators and the historians. History is studied by the assignment of periods to individual students to be reported upon before the class. The lives of generals and statesmen are assigned in the same way. The instructor, by means of photographs and lectures, presents the latest discoveries in archæology.

(3) The preparation of teachers of Greek. Special attention is given such students, particularly in the Junior and Senior years. The more difficult points in Greek Grammar are examined. Graduate courses will be arranged for students who elect Greek in the Junior and Senior years, to whom only are such courses open.

Courses.

1. WHITE'S LESSONS. *Fall, 2.*
2. WHITE'S LESSONS. *Winter, 2.*
3. WHITE'S LESSONS and First Book of Xenophon's Anabasis. *Spring, 2.*
4. XENOPHON'S ANABASIS. Higley's Composition. *Fall, 11:30.*
5. XENOPHON'S CYROPAEDIA. Composition. *Winter, 11:30.*
6. XENOPHON'S CYROPAEDIA AND SYMPOSIUM. Composition. *Spring, 11:30.*
7. ORATIONS OF LYSIAS. Composition. *Fall, 11:30.*
- 8, 9. HERODOTUS. History of Greece. *Winter, Spring, 11:30.*
10. GREEK DRAMA. Sophocles. *Fall, 10:30.*
11. GREEK DRAMA AND COMEDY. Sophocles and Aristophanes. *Winter, 10:30.*
12. GREEK COMEDY. Aristophanes. *Spring, 10:30.*
13. PLUTARCH; at least three of the "Lives." *Fall, 2.*
14. GREEK LYRIC POETRY. Farnell's Text. *Winter, 2.*
15. MODERN GREEK. *Spring, 2.*
- [16. DEMOSTHENES AND ISOCRATES. Course in Oratory.]
- [17. PLATO'S DIALOGUES AND REPUBLIC.]
- [18. LUCIAN. Translation and examination of author's style.]

HEBREW.

PROFESSOR GARRISON.

General Statement.

The object of the courses here offered is to give a sufficient acquaintance with the language to enable the student to use it with accuracy and a fair degree of ease in exegetical work and critical study of the Old Testament.

Courses.

1. GRAMMAR: Detailed inductive study of the Hebrew text of Genesis i-ii, as basis for the mastery of the more common grammatical forms and the elements of syntax. Text-books: Harper's Elements of Hebrew, and Harper's Introductory Hebrew Method and Manual.

Fall, 11:30.

2. GRAMMAR AND TRANSLATION: The reading of Genesis iii-viii, accompanied by the continued study of the grammar with especial emphasis on the weak verb, and followed by the more rapid reading of selected passages of easy historical Hebrew. Text-books as in course 1.

Winter, 11:30.

3. TRANSLATION: Rapid reading in the historical books, and the acquisition of a vocabulary embracing most of the words of frequent occurrence in the Old Testament. One hour a week is given to sight-reading, and one hour to careful grammatical work. *Spring, 11:30.*

4. DEUTERONOMY AND AMOS: The study of Deuteronomy embraces the reading of a considerable part of the Hebrew text and a consideration of the characteristics of the book and its place in the development of the religion of Israel. The reading of the text of Amos is accompanied by careful exegetical work, a study of the theology of Amos and an introduction to the history of prophecy. This course is open only to those who have had at least three terms' work in Hebrew. It may, however, be taken simultaneously with course 3, but may not be substituted for it.

Spring, 9.

II.

GERMAN.

PROFESSOR T. C. HOWE.

General Statement.

The work of the first two years (courses 1 to 6) is devoted to obtaining a knowledge of the grammar and vocabulary sufficient to render the reading of ordinary German easy for those students who do not elect German, and also to furnish a basis for the advanced courses. German is used as far as possible in the class-room, but no time of the regular courses is given to conversation purposes. In the

advanced courses the interpretation of authors and the lectures are conducted in German. After 1898-99, courses in Gothic and Old High German may be arranged with the instructor by sufficiently advanced students.

Courses.

- 1, 2, 3. GRAMMAR, Thomas: Harris' German Reader; Harris' German Prose Composition throughout the year.
Fall, Winter, Spring, 2.
- 4, 5, 6. MODERN GERMAN PROSE: Selections by the instructor from the works of Hauff, Heyse and Baumbach. Composition.
Fall, Winter, Spring, 11:30.
7. LESSING: Minna von Barnhelm and Nathan der Weise; Lectures on Life and Works of Lessing. Composition. *Fall, 11:30.*
8. SCHILLER'S WALLENSTEIN: Lectures on Life and Works of Schiller. Composition. *Winter, 11:30.*
9. SCHILLER'S MARIA STUART: die Braut von Messina; Jungfrau von Orleans. Composition. *Spring, 11:30.*
10. GOETHE'S GÖTZ VON BERLICHINGEN: Egmont; Iphigenie; Lectures on Life and Works of Goethe. *Fall, 10:30.*
11. GOETHE: Dichtung und Wahrheit; Die Leiden des jungen Werther. Collateral reading. *Winter, 10:30.*
12. GOETHE'S FAUST. Part I. Collateral reading. *Spring, 10:30.*
- [13. THE ROMANTIC MOVEMENT: This course will consist of the reading of works of Romanticists in class. Collateral reading and essays.]
- [14. THE MODERN GERMAN DRAMA: Selected works of most important modern dramatists read and discussed. Lectures and essays.]
- [15. THE MODERN GERMAN NOVEL: Selected works of Freytag, Scheffel and others read and discussed. Lectures and essays.]

16. HISTORY OF GERMAN LITERATURE: Text-books: Francke's Social Forces in German Literature; Kluge's Geschichte der deutschen National-Litteratur. Lectures by the instructor, together with interpretation of masterpieces and discussion of their historical significance. Theses on assigned reading. *Fall, 2.*
17. HISTORY OF LITERATURE continued. *Winter, 2.*
18. HISTORY OF LITERATURE concluded. *Spring, 2.*
 Courses 13, 14, 15 and 16, 17, 18 are given in alternate years, and the student must have taken at least two (2) years of German to be admitted to either.
19. MIDDLE HIGH GERMAN GRAMMAR: Reading from Hartmann von Aue's, der Arme Heinrich, das Nibelungen-Lied, Walther von der Vogelweide. To enter this course the student must have had three years of German and obtain consent of instructor.

ROMANCE LANGUAGES.

PROFESSOR MILLER.

General Statement.

The work in this department is designed:

1. To give the student a reading knowledge of French and Spanish for personal culture, for subsequent special work, for practical use.
2. To make him acquainted with the origin and history of these literatures and their relation to each other and to English literature.
3. To enable him to understand contemporary life and events in France, Spain and Spanish America.

Courses.

FRENCH.

1. GRAMMAR, Edgren; Pronunciation, simpler rules of syntax, irregular verbs and a working vocabulary; Super's reader. *Fall, 2.*
2. LA FONTAINE: Fables, modern comedies and short stories; sight reading; composition based on texts read. *Winter, 2.*

3. HISTORY OF FRENCH LITERATURE (Warren's Primer): Translation from Corneille, Racine and Moliere, from Pascal and Bossuet; sight reading; composition. *Spring, 2.*
4. NINETEENTH CENTURY WRITERS OF THE ROMANTIC SCHOOL: Saint-Pierre, Lamartine, Hugo, Sainte-Beuve, George Sand. *Fall, 11:30.*
5. EIGHTEENTH CENTURY WRITERS AND PHILOSOPHY: Voltaire, Rousseau, Montesquieu, Beaumarchais. *Winter, 11:30.*
6. CONTEMPORARY AUTHORS: Daudet, Augier, Coppée, Brunetière, Bourget, Maupassant, Zola. *Spring, 11:30.*

SPANISH.

- [1. GRAMMAR AND COMPOSITION: Ramsey's Text-book of Modern Spanish (150 pp.); Ramsey's Elementary Spanish Reader begun.]
- [2. GRAMMAR AND COMPOSITION: Ramsey's Text-book of Modern Spanish (concluded); Ramsey's Elementary Spanish Reader completed; translation of Doña Perfecta (Galdos).]
3. CONTEMPORARY NOVELISTS: Valera's Pepita Jimenez; grammar and composition; sight reading. *Fall, 8.*

III.

ENGLISH.

PROFESSOR W. D. HOWE.

General Statement.

The Department of English contemplates three objects:

1. Practice in English Rhetoric and Composition.
2. An acquaintance with English Literature.
3. A knowledge of the origin and development of the English Language.

(1) The first of these objects is considered in one required course and one elective course. In these courses much writing is required,

reading is assigned in works which may be regarded as models, abundant provision is made for conference between student and instructor.

(2) The second of these objects is considered in two required courses and a number of elective courses, in some of which extensive periods are considered in order to obtain a broad and comprehensive knowledge, in others particular master pieces are studied with a view to accuracy and exactness.

The aim of this side of the instruction is to develop taste and appreciation, to encourage constant reference to libraries, and to stimulate a love for good books.

(3) The study of the language is confined to the most advanced students, who will be allowed to undertake such work with the consent of the department.

Courses.

1. HISTORY AND DEVELOPMENT OF ENGLISH LITERATURE: Course 1 is intended to furnish a general survey of the different periods of English Literature, with special attention to the prominent authors. Much reading is prescribed. *Winter, 9.*

2. RHETORIC AND COMPOSITION: Daily and fortnightly themes. References to the text-books of Hill, Genung and Baker. Reading of specimens of English prose to serve as models.

The work will be varied to suit the needs of the class.

Spring, 9

3. CHAUCER, SPENSER, SHAKSPERE, MILTON, TENNYSON, BROWNING: In course 3 are read Chaucer's Prologue and two of the Canterbury Tales; the first book of Spenser's Faerie Queene and some of his minor poems; two plays of Shakspeare; two books of Paradise Lost and Milton's minor poems; selections from Tennyson. An attempt will be made to learn something of the time in which each author lived and the influence which each exerted.

Assigned reading, reports and lectures.

Fall, 8.

4. **ADVANCED COMPOSITION:** The work in course 4 will consist of the various kinds of writing such as the class seems to need. There will be short and long themes, alternating. The work in class will be devoted chiefly to the discussion of the themes, besides the reading from certain prose writers. One or more hours each week will be set apart for conference, when each student will discuss his work with the instructor.

Course 4 will receive only students who have passed course 2.

Fall, 11:30.

5. **ENGLISH PROSE:** Course 5 traces briefly the development of English Prose to the Eighteenth Century. A few authors of the Eighteenth Century are studied in order to furnish the general characteristics of Eighteenth Century prose style. The major part of the course will be a study, as minute as time will allow, of the prose writers of the Nineteenth Century: Lamb, De Quincey, Irving, Newman, Carlyle, Macaulay, Arnold, Stevenson.

Each member of the class will spend the last month in independent work on some one author.

Prescribed reading, reports, lectures.

Fall, 2.

6. **EIGHTEENTH CENTURY AUTHORS:** Course 6 has to do, first, with those authors of the Eighteenth Century who were dominated by classic influence and, secondly, with those who mark the transition from the classic spirit to the romantic spirit of the Nineteenth Century. Among the authors to whom considerable attention is devoted are Dryden, Defoe, Swift, Addison, Steele, Pope, Johnson, Burke, Goldsmith, Richardson, Fielding, Young, Thomson, Gray, Collins, Cowper.

Assigned reading, reports, lectures.

Winter, 11:30.

7. **NINETEENTH CENTURY POETRY:** Course 7 deals, first, with the authors that are usually considered under the romantic movement in English literature, and, secondly, with those whom we may call contemporary. The authors specially studied are Burns, Wordsworth, Coleridge, Scott, Keats, Shelley, Byron, Arnold, Browning and Tennyson. Short time will be spent with Longfellow, Lowell, Poe.

Assigned reading, reports, lectures.

Spring, 11:30.

- [8. **THE NOVEL:** Course 8 traces the development of the novel, dealing with such writers as Richardson, Fielding, Frances Burney, Jane Austen, Scott, Dickens, Thackeray, Hawthorne and George Eliot.

Assigned reading, reports, lectures.]

9. **CHAUCER AND SHAKSPERE:** The Prologue and certain of the Canterbury Tales are read with attention to the history of the meaning of the words and the development of language.

In the same way four of Shakspeare's plays are studied in order that the great dramatist may be read with greater ease and understanding. This course should properly be taken before the one in the drama.

Winter, 2.

10. **THE DRAMA FROM THE MIRACLE PLAYS TO THE CLOSING OF THE THEATERS (1642):** Course 10 deals with Lyly, Greene, Kyd, Marlowe, Shakspeare, Jonson, Dekker, Heywood, Beaumont and Fletcher and other dramatists of the Elizabethan period. The development of the drama is studied with special reference to Shakspeare as a playwright among playwrights. Some one dramatist will be chosen as the subject for special study by each member of the class. Course 9 should precede course 10.

Assigned reading, reports, lectures.

Spring, 2.

- [11. **ENGLISH LANGUAGE:** In course 11 Anglo-Saxon is studied for the first half of the time. Text-book, Bright's Anglo-Saxon Reader.

In the second half of the course certain specimens of middle English are read: Morris's Specimens of Early English. The object of this course is to give the student a general idea of the growth of our language from its earliest form as far as to Chaucer.]

IV.

PHILOSOPHY.

PROFESSOR AMES.

General Statement.

The close and vital relation in which philosophy stands to the various sciences, historical and biological, and to practical life, emphasizes its claim to an important place in liberal education. Psychology, logic and ethics deal respectively with the nature and development of mind, the processes of thought and the ideals and laws of conduct. They are, therefore, eminently fitted to afford general culture, as well as useful training, for the various professional and scientific pursuits. The history of philosophy presents statements of the fundamental problems of life, and the attempts at their solution, as these have been wrought out by the master minds of the race. It offers an interpretation and progressive explanation of the conceptions which are also exhibited from other points of view in history and general literature.

Courses.

1. **PSYCHOLOGY—ELEMENTARY COURSE:** It is the purpose of this course to acquaint the student with the scope and method of the science, with the nature and activities of the mind, and with the laws and processes of mental development. Special references to various authors will afford opportunity to adapt the course to the special interests of individual students. Text, James' Psychology, briefer course. *Fall, 8.*
2. **LOGIC:** The processes and laws of valid thinking, together with the various kinds of fallacies are critically examined. Both the deductive and inductive phases of inference are considered in the concrete form of argumentative and scientific literature. A philosophical treatment of the nature of judgment and knowledge is outlined. Text, Creighton, Introductory Logic. *Winter, 8.*

3. **ETHICS:** The conceptions of moral obligation, virtue and freedom are treated psychologically and critically. An analysis is made of character, habit, desires and ideals from the psychological and ethical points of view. Social institutions and the duties they involve, together with the factors in moral progress, will be outlined. Practical problems will be taken up in discussions and papers. Text, Mackenzie, *Manual of Ethics*.
Spring, 8.
4. **HISTORY OF PHILOSOPHY:** Descartes, Spinoza and Leibniz will be the chief authors treated in the study of seventeenth-century thought in Europe. Selections from their writings will be critically examined and discussed. *Fall, 10:30.*
5. **HISTORY OF PHILOSOPHY:** English thought from Hobbs to Hume will be carefully reviewed, particular attention being given to Locke and Hume. *Winter, 10:30.*
6. **HISTORY OF PHILOSOPHY:** Kant and Hegel and an outline of the main trend of subsequent thought to the present time will be the chief topics. *Spring, 10:30.*

PEDAGOGY.

PROFESSOR AMES.

General Statement.

It is the aim of this department to furnish training for intending teachers, but the interests of the general student are also kept in view. The instruction proceeds from the psychological and historical standpoints, and seeks to present the fundamental principles of education. Several courses of special value to the student of pedagogy may be found in sociology and philosophy. Psychology is indispensable to a mastery of pedagogical problems. The public schools of Indianapolis afford a convenient opportunity to observe efficient organization, equipment and methods.

Courses.

1. **HISTORY OF EDUCATION:** The development of educational problems, together with the principles and practical methods applied to them, especially in the modern period, will be treated in lectures, papers and discussions. Particular attention will be given to the great educational classics, such as Locke's Thoughts on Education, Rousseau's Emile, Pestalozzi's and Froebel's works and Spencer's Essay on Education.

Fall, 2.

2. **PSYCHOLOGY OF CHILDHOOD:** The history, methods and results of child study are reviewed and their educational value indicated. Tracy's Psychology of Childhood, Sully's Studies of Childhood and selected periodical literature are read and discussed. Papers and collateral readings are assigned to each student.

Winter, 2.

3. **THE PUBLIC SCHOOL SYSTEM:** This course will treat in some detail the school system of this country. The main topics discussed will be organization and administration, equipment, curriculum, and method. The excellent schools of the city of Indianapolis furnish good opportunities for observation of all grades and variety of work. The special interests of individual students will be consulted in assigning them to investigations of different problems. A general study can thus be made of the practical questions of child study, grading, school hygiene, educational values, examinations, teachers' meetings, etc.

Spring, 2.

V.

SOCIOLOGY AND ECONOMICS.

PROFESSOR FORREST.

General Statement.

The primary aim of this department is to train students in the observation of social phenomena and reflection on social relations, to the end that they may be prepared to discharge their duties as members of society. But in addition to such introductory courses as are essential to a liberal education, further courses are offered which, on the one hand, will prepare students for advanced specialization in the various social sciences, and, on the other, will furnish a broad foundation for professional studies. In all courses the effort is made to give students the *methods* rather than the *results* of social study, and, wherever it is practicable, the student is encouraged to make independent and first-hand investigations.

The city of Indianapolis is the social laboratory of the department. While it does not present the complexity of phenomena to be found in some larger cities, it is large enough to furnish almost every factor of the most complicated social life; and, indeed, the simpler nature of the society, which yet contains all the elements of cosmopolitan municipal life, makes the city a more desirable field for certain kinds of social investigation than it would be if it were larger.

The department also enjoys the advantage of having access to the large collection of public documents in the State library, and the very complete collections of works pertaining to the social sciences in the libraries of the State, the City, and Butler College.

The courses in Sociology, Economics, and Political Science are so arranged that the student may elect work in these branches aggregating five years of study. Work in this department should not ordinarily be begun before the Junior year. But students having mature minds and desiring to elect Junior and Senior work largely from this department may enter the introductory classes in the Sophomore year.

Courses.

1. INTRODUCTION TO SOCIOLOGY: A concrete and illustrative study of the nature and institutions of modern society. The course is intended to serve as an introduction to the study of Sociology, Economics, and Politics. Henderson's *Social Elements* will serve as a guide. Prerequisite, credit for six majors of college work. *Fall, 10:30.*
Students may profitably follow this course with course 1 in Political Science.
- [2. ECONOMICS: A thorough introduction is given to the leading principles of Political Economy. The work will be based on Hadley's *Economics*, but diverging views will also be considered. Prerequisite: credit for nine majors of college work. Required of all students either in the sophomore or in the junior year. *Spring, 10:30.*
- [3. ORGANIZED PHILANTHROPY: A study of the causes of poverty and methods of amelioration, based on Warner's "American Charities." The department enjoys the hearty co-operation of the excellent Charity Organization Society of Indianapolis; and is thereby enabled to make a thorough study of the charities of the city. Such agencies as the social settlement, the institutional church, the labor colony, etc., will also receive consideration. The student will be expected to make a personal investigation of actual conditions found in the city. Prerequisite, course 1.]
- [4. THE LABOR PROBLEM: A study of the labor movement in Great Britain and the United States. Attention will be directed to the development of the factory system, the organization of labor, the present aspects of the conflict between labor and capital, etc. Course 2 is a prerequisite to this course.]
5. PRIMITIVE CULTURE: A study is made of some of the leading problems of Anthropology and Ethnology, particular emphasis being laid upon the industrial and the ethical development among primitive peoples. Such a study of the beginnings of

social evolution serves as a basis for advanced historical, sociological, and ethical investigation. A practical interest will be given to the course by the consideration of the principal ethnical characteristics of the inferior races with which the United States has to deal. Prerequisite, credit for twelve college majors. *Fall, 8.*

6. **SOCIAL EVOLUTION:** A study of the development of the main elements of modern civilization. The emphasis is laid on the interrelation of the industrial and ethical lines of development. An investigation is made of the beginnings of civilization in antiquity, the transition from the Græco-Roman Empire to the mediæval period, and the leading movements of the modern period. Lectures, readings, reports. Prerequisites, courses 1, 2, 5. The course in mediæval history, must either precede or accompany this course. *Winter, 8.*

7. **SOCIALISM:** A brief historical sketch of socialistic theories of this century, followed by a critical examination of present-day socialistic positions, and a consideration of the socialistic trend of industrial development and its influence on the family, the state, and religious and ethical ideals. Prerequisite, course 2. *Winter, 9.*

8. **ADVANCED SOCIOLOGY:** An examination of current attempts to interpret social facts and forces. Lectures, readings, reports. Prerequisite, credit for eighteen majors of college work, including courses 1 and 2 and the elementary course in Psychology. *Spring, 8.*

- [9. **DEVELOPMENT OF SOCIAL PHILOSOPHY:** An examination of the principal attempts to interpret social phenomena, from Plato to Comte. Lectures, readings, reports. Prerequisite, credit for eighteen college majors including course 1 and the elementary course in Psychology.]

- [10. **CONTEMPORARY SOCIAL PHILOSOPHY:** An examination of the principal sociological contributions since Auguste Comte. More emphasis is laid on the historical development than in

course 8. Prerequisite, same as for course 9, and a reading knowledge of either French or German. This course, however, may be pursued by students who have not completed course 9.]

VI.

HISTORY AND POLITICAL SCIENCE.

PROFESSOR MILLER.

PROFESSOR FORREST.

General Statement.

The aim of the work in this department is :

1. To enable the student to study intelligently those sciences in which the historical background is a prominent feature, especially Politics, Sociology, Economics, Language and Literature.

2. To afford an insight into the origins and development of modern civilization, with a knowledge of the causes, meaning and results of the great crises of history.

3. To prepare the student to comprehend and perform well the duties of American citizenship by an examination of the evolution and practical workings of our national government and municipal and other local administrations.

4. To give the breadth of sympathy and judgment that comes from an understanding of the growth and relations of peoples, literatures, ideas and institutions.

Courses.

HISTORY.

1. **MEDIEVAL EUROPE:** Text-book (Thatcher and Schwill); lectures and collateral reading ; written reviews. *Winter, 8.*

2. **MODERN EUROPE:** Text-book (Schwill); lectures and collateral reading ; written reviews. *Spring, 8.*

ROMAN HISTORY: Informal lectures on the rise and development of Roman institutions, with assigned reading. This course con-

tinues through the year, and is given collaterally with Latin courses 4, 5 and 6, which see. *Thursdays, 11:30.*

POLITICAL SCIENCE.

1. AMERICAN POLITICS: Bryce's *American Commonwealth*; the facts learned from the text-book used in the development of the theory of Political Science. Prerequisite, 6 majors of college work. *Winter, 10:30.*
- [2. PROBLEMS OF MUNICIPAL GOVERNMENT: A comparative study of the charters and practical workings of the municipalities of Indianapolis, St. Louis, Chicago, New York, Glasgow, Birmingham, Manchester, London, Paris, Hamburg, Berlin. Particular attention will be paid to methods of control of public works. Prerequisite, course 1, or equivalent work in Civil Government.]
3. COMPARATIVE CONSTITUTIONAL GOVERNMENT: A comparative study of the constitutions and constitutional law of the United States, Great Britain, Germany and France. The constitutions will be studied as expounded by Burgess, with frequent reference to the works of Dicey, Bryce, and Laband. Prerequisite, course 1. *Fall, 9.*
(For winter term, see course 7, Department of Sociology and Economics.)
4. INTERNATIONAL LAW: A study of the leading principles of international law, and an examination of important cases illustrative of those principles. A number of recent cases in which the United States has been interested will receive particular attention. Prerequisite, course 1. *Spring, 9.*
- [5. ROMAN LAW: Lectures on the history of the Roman Law, followed by a study of the text of Justinian's Institutes. This course is intended to serve as an introduction to the principles of law, and may profitably precede such courses as are given in law schools.]

BIBLE.

PROFESSOR JENKINS.

General Statement.

The educational purposes of the institution, by the terms of its organic law, are made to include religious instruction. Its charter expressly declares that one of the objects for which it is founded is "to teach and inculcate the Christian faith and Christian morality as taught in the sacred Scriptures;" and it was intended that this instruction should be, not sectarian, nor even denominational, but broad, catholic and philanthropic as Christianity itself. In pursuance of this purpose the revised version of the Bible is adopted as a text-book, and a regular course of study in it is prescribed as one of the conditions of graduation. Instruction is by lectures, discussions and reports, students being required to study with care those portions of the Bible embraced in the lectures.

During the year 1899-'00 the course will be in the New Testament and will be required of all candidates for a degree.

Courses.

5. **THE LIFE AND EPISTLES OF ST. PAUL:** This will be a course based upon the English text of the New Testament and designed to meet the needs of the academic students in their required Bible study. The course will be more or less popular, and an attempt will be made to render it attractive to the undergraduate student. The life of Paul will be chronologically studied, with the aid of the best popular works on the subject, and a text-book will be required. Occasional themes will be expected.

Winter, 11:30.

VII.

BIOLOGY.

PROFESSOR BRUNER.

General Statement.

This department aims (1) to meet the demands of liberal education, and (2) to prepare students for teaching, investigation and medicine. Courses 1, 2, 3 and 8 are designed partly to meet the first demand, and partly to furnish a foundation for more advanced work.

The method of instruction recognizes the value both of the ideas of science and of discipline, which comes with the acquisition of habits of scientific observation. Lectures and recitations go hand in hand with practical work, in which instruments and methods receive special attention. Faithful records of observations by means of notes and drawings are required.

A laboratory fee of three dollars per term is charged in each course, excepting course 5, as indicated below.

Courses.

1. ZOÖLOGY: A study of the structure, functions and development of typical invertebrates.

The work begins with a general survey of the characteristics of living matter; the structure and properties of the cell, the origin of the tissues and the formation of organs are considered and this is followed by the investigation of typical invertebrates, beginning with the simple and advancing to the complex.

Open to Sophomores, Juniors and Seniors: courses 1, 2 and 3 are prescribed for Sophomores who elect biology as their required science.

Fall: { *Lectures, Tues., Thu., 9.*
 { *Laboratory, Tues., Wed., Thu., Fri., 2-4.*

2. ZOÖLOGY (vertebrates):

(a.) Study of vertebrate types (lancelet, dogfish, frog, pigeon, mammal).

- (b.) Outline of the theory of evolution with a brief discussion of the chief problems.

Winter: { *Lectures, Tues., Thu., 9.*
Laboratory, Tues., Wed., Thu., Fri., 2-4.

3. HISTOLOGY: A study of the minute anatomy of a typical mammal, including technique. A general survey of instruments and methods is followed by a systematic treatment of the tissues and organs. Prerequisite: Courses 1 and 2.

Stöhr's Histology or Piersol's Normal Histology.

Spring: { *Lecture, Tues., Thu., 9.*
Laboratory, Tues., Wed., Thu., Fri., 2-4.

- [4. MAMMALIAN ANATOMY: This course is intended for students who desire an acquaintance with the structure of the mammalian body as a preparation for work in physiology, anatomy and medicine. The microscopic anatomy of the nervous system and sense organs receives due attention.

Gorham and Tower's Dissection of the Cat, supplemented by reference to the department library.]

5. PHYSIOLOGY: A course in human physiology, including recitations, demonstrations and practical exercises in the laboratory. A fee of one dollar and fifty cents is charged. Martin's Human Body.

Winter, 8.

6. EMBRYOLOGY OF VERTEBRATES: Lectures on segmentation, the formation of the germ layers and the development of organs; practical study of the chick and frog (or salamander).

Must be preceded by courses 1, 2 and 3.

Spring: { *Lecture, Tues., 8.*
Laboratory, Tues., Wed., Thu., Fri., 2-4.

7. COMPARATIVE ANATOMY OF VERTEBRATES: (1) A review of the classification and development of vertebrates.

(2) A study of physiological mechanisms—skeleton, muscular system, nervous system, sense organs, respiratory systems, urinogenital system.

Open to students who have taken courses 1, 2 and 3.

Weidersheim and Parker's Comparative Anatomy and Marshall and Hurst's Practical Zoölogy.

Fall: { *Lectures, Tues., Fri., 8.*
Laboratory, Tues., Wed., Thu., Fri., 2-4.

8. BOTANY: An introduction to the study of plants. The structure of the cell; one-celled plants and cell colonies; many-celled forms illustrating increasing complexity of structure; reproduction and reproductive organs: physiology.

Open to college students who have not offered botany for admission. Barnes' Plant Life.

Spring: { *Lectures and Recitations, Tues., Fri., 10:30.*
Laboratory, Tues., Wed., Thu., Fri., 10:30-12:30.

- 9, 10, 11. SPECIAL WORK: Students who have had sufficient preliminary training will be assigned special problems in histology, embryology or vertebrate anatomy. Daily through year.

Laboratory, 2-4.

CHEMISTRY.

PROFESSOR KARSLAKE.

General Statement.

The courses offered in this department are primarily designed to meet the wants (1) of those desiring a general knowledge of the subject, and (2) of those feeling the need of more advanced work in order to prepare themselves for research work, teaching, medicine or other professions. The full course of work extends over a period of three years, and has been so arranged as to make it possible for a student, by election, to take the whole of it if he so desires. Arrangements have been made whereby the work done in this department will be accepted by the Medical College. The courses offered here are also open to special students, *provided* they have had the entrance requirements (or equivalents) in Elementary Physics and in Mathematics.

The instruction is given by means of lectures, recitations and laboratory work. The lectures are fully illustrated by numerous class-room experiments, and are supplemented by recitations, written

exercises, written examinations, stoichiometrical problems and laboratory work.

The equipment of the department is good. The lecture-room is fully supplied with apparatus and all of the modern facilities for the experimental illustration of the different lecture courses. The laboratories are well furnished, being conveniently arranged and supplied with tables, re-agents, gas, water, hoods and all the necessary facilities to enable the student to carry on the lines of work laid out in the several courses. To each student is assigned his own desk, with separate outfit of apparatus and chemicals.

Courses.

1. **ELEMENTARY INORGANIC CHEMISTRY—Acid-Forming Elements:** Lectures, recitations and laboratory practice. An introductory course in elementary chemical theory, the laws of chemical combination, the use of symbols and equations and the history, occurrence, preparation and properties of the elements and their principal compounds.

Fall: { *Lectures, Tues., Thu., Sat., 9.*
Laboratory, Tues., Thu., Sat., 2-4.

2. **ELEMENTARY INORGANIC CHEMISTRY—Base-Forming Elements:** A supplementary continuation of course 1. Prerequisite, course 1.

Winter: { *Lectures, Tues., Thu., Sat., 9.*
Laboratory, Tues., Thu., Sat., 2-4.

3. **QUALITATIVE ANALYSIS—Introductory Course:** Lectures, recitations and laboratory practice. The aim of this course is to take up in a more thorough and careful manner the study of the methods of preparation, separation and properties of the elements and their compounds. Analysis of Simple Salts. Prerequisite, course 2.

Spring: { *Lectures, Tues., Thu., 9.*
Laboratory, Tues., Wed., Thu., Fri., 2-4.

- [4. **QUALITATIVE ANALYSIS—Advanced Course:** Lectures, recitations and laboratory practice. Analysis of complex mixtures of salts, technical products and ores. Blow-pipe analysis

Urinary analysis. This course is recommended to both those intending to pursue the study of medicine and to those intending to pursue the courses in quantitative analysis. Prerequisite, course 3.]

Fall: { *Lectures, Wed., Fri.*
Laboratory, Tues., Wed., Thu., Fri.

- [5. QUANTITATIVE ANALYSIS—Introductory Course: Lectures, recitations and chiefly laboratory practice. A course on the general principles and practice in gravimetric, volumetric and electrolytic analysis. Analysis of salts of known composition, alloys, etc. Prerequisite, course 3.]

Winter: { *Lectures, Wed.*
Laboratory, Tues., Wed., Thu., Fri., Sat.]

- [6. QUANTITATIVE ANALYSIS—Advanced Course: A supplementary continuation of course 5, chiefly laboratory practice. Special and quick methods for the analysis of minerals, ores, water, foods, organic substances. Prerequisite, course 5.]

Spring: { *Lectures, Wed.*
Laboratory, Tues., Wed., Thu., Fri., Sat.]

7. GENERAL ORGANIC CHEMISTRY—Introductory Course: Lectures, recitations and laboratory practice. The principles of organic chemistry, together with the preparation (and a study of the properties) of a series of typical compounds of carbon. Prerequisite, course 3.

Fall: { *Lectures, Tues., Wed., Fri., 11:30.*
Laboratory, Tues., Wed., Fri., 2-4.

8. GENERAL ORGANIC CHEMISTRY—Advanced Course: A supplementary continuation of course 7. Prerequisite, course 7.

Winter: { *Lectures, Tues., Wed., Fri., 11:30.*
Laboratory, Tues., Wed., Fri., 2-4.

9. ADVANCED INORGANIC CHEMISTRY: Lectures, recitations and laboratory practice. Chiefly concerned with the principles of theoretical chemistry, chemical philosophy, physical chemistry and laboratory experiments illustrating the same. Preparation of a few of the more difficult typical inorganic compounds. Prerequisite, course 3.

This course is especially recommended to those who desire a

more thorough knowledge of the principles and facts of general chemistry than is given in the elementary courses.

Spring: { *Lectures, Tues., Wed., Fri., 11:30.*
 { *Laboratory, Tues., Wed., Fri., 2-4.*

10, 11, 12. **SPECIAL WORK:** Students who have had the above mentioned courses, or their equivalent, will be assigned special work in general chemistry, quantitative analysis, physical chemistry or organic chemistry. Daily through the year.

Laboratory, 2 to 4.

The Laboratory fee for courses 1, 2 and 3 is \$3.00; for all other courses is \$4.00. These fees are for each term, *payable in advance*. The more expensive chemicals, breakage and other damage to apparatus will be charged extra.

GEOLOGY.

PROFESSOR BRUNER (in charge).

General Statement.

The instruction offered in this department is intended as an introduction to the entire field of Geological science. The subject-matter of the courses is believed to include that which is most interesting to the student, and at the same time most valuable to the average citizen. The collections in the museum are of great value for illustration of the work outlined below.

Courses.

1. **GEOLOGY, DYNAMICAL AND STRUCTURAL:** (1) The dynamical agencies now at work on the earth's crust. Among special topics are: Earthquakes, volcanoes, geysers, coral reefs and islands, glaciers.

(2) The structure of the earth's crust; stratified, igneous and metamorphic rocks; origin of mountains; faults, dykes, mineral veins; erosion effects.

Course 1 in chemistry is recommended as a preparation.

Leconte's Elements of Geology. Recitations and demonstrations.

Fall, 10:30.

- [2. GEOLOGY, HISTORICAL: The development of the North American Continent; evolution of the life of the globe.

Leconte's Elements of Geology. Recitations and demonstrations.]

3. ECONOMIC GEOLOGY: Sketch of the geological history of the United States; description of rocks and rock and vein-forming minerals; the mineral resources of the United States.

Tarr's Economic Geology of the United States.

Winter, 10:30.

PHYSICS.

PROFESSOR KARSLAKE (in charge).

General Statement.

The courses offered in this department aim to present the subject of General Physics in a more thorough, careful and extended manner than is the case in an elementary presentation of the subject. The instruction is given by means of text-book and lectures, which are fully illustrated by numerous class-room experiments and are supplemented by recitations, written examinations and the solution of problems. Taken together, the courses offered are equivalent to one year's work, and are so arranged as to enable a student to take them all if he so desires. They are open only to those who have had Elementary Physics (see Entrance Requirements), and course 1 in Mathematics.

Courses.

1. GENERAL PHYSICS—Mechanics and Heat.

Mechanics—Laws of Motion; Falling Bodies; Projectiles; Statics; Energy; Moment of Inertia; Hydrostatics; Capillarity; Hydraulics, etc.

Heat—Nature; Sources; Distribution; Effects; Calorimetry; Thermo-dynamics, etc. *Spring, 8.*

- [2. GENERAL PHYSICS—Sound and Light.

Sound—Nature; Sources; Reflection; Intensity; Interference; Pitch; Quality; Harmony, etc.

Light—Nature; Sources; Reflection; Refraction; Polarization; Interference; Dispersion; Color, etc.]

[3. GENERAL PHYSICS—Magnetism and Electricity.

Magnetism—Magnets; Polarity; Induction; Lines of Force, etc.

Electricity—Frictional; Voltaic; Effects of Electric Currents; Electrical Quantities; Electro-dynamics, etc.]

VIII.

MATHEMATICS AND ASTRONOMY.

PROFESSOR HARKER.

General Statement.

Originality and precision, which are so important factors in a well developed and active intellect, demand first attention in the study of Mathematics. It is therefore the primary aim of this department to cultivate the habit as well as the ability of original investigation and of arriving at correct conclusions. To this end, rigor in demonstration and the rejection of hypotheses without sufficient proof are insisted upon.

It is believed that the courses outlined below will furnish a sufficient basis for the study of higher Mathematics and related subjects. With this aim in view, constant care must be exercised in the proper correlation of Mathematics with the other sciences.

Since the subject of Mathematics occupies so important a place in the curriculums of our secondary schools, it is hoped that the work here offered shall be presented in such a manner as to furnish proper methods of instruction to those desiring to teach.

The library is quite liberally supplied with the works of the best English, French and German writers on mathematical and astronomical subjects.

Courses.

1. PLANE TRIGONOMETRY: Transcendental, as distinguished from Algebraic functions. Special attention is given to the solution of the plane triangle and to Analytic Trigonometry. *Fall, 9.*
2. ADVANCED ALGEBRA: Binomial Theorem, Theory of Exponents, Series, Permutations, Indeterminate Coefficients, and Theory of Limits. The connection of these subjects with the higher Mathematics is pointed out to the student as each subject is being treated. *Winter, 10:30.*
3. PLANE ANALYTICAL GEOMETRY: The application of Algebra to Geometry. The memorizing of a mass of formulas is discouraged, the student's attention being directed rather to the methods employed. Prerequisite, course 1. *Spring, 10:30.*
4. DIFFERENTIAL CALCULUS: Since this is a decidedly new field to the student, the transition is made cautiously. The Theory of Limits, treated in course 2 furnishes a starting point for this transition. Prerequisite, courses 1, 2, 3. *Fall, 10:30.*
5. DIFFERENTIAL AND INTEGRAL CALCULUS: Continuation of course 4. Prerequisite, course 4. *Winter, 9.*
6. INTEGRAL CALCULUS: Continuation of course 5. Prerequisite, course 5. *Spring, 9.*
7. SOLID ANALYTIC GEOMETRY: The development of the theory in this course is supplemented by the solution of numerous problems. The interpretation of various forms of equations receives due attention in this and course 3. Prerequisite, course 3. *Fall, 8.*
- [8. ANALYTICAL MECHANICS—Statics: This and course 9 are designed especially for students who desire to do advanced work in Physics and Astronomy. Prerequisite, course 6.]
- [9. ANALYTICAL MECHANICS—Dynamics: Continuation of course 8. Prerequisite, course 8.]

10. THEORY OF EQUATIONS. Prerequisite, course 4. *Winter, 8.*
- [11. THEORY OF EQUATIONS: Continuation of course 10 for the first part of term, followed by an elementary treatment of Determinants. Prerequisite, course 10.]
12. ADVANCED INTEGRAL CALCULUS: Definite Integrals. Prerequisite, course 6. *Winter, 2.*
13. ADVANCED INTEGRAL CALCULUS: Fourier Series, Multiple Integration, Elliptic Integrals, Elliptic Functions. Prerequisite, course 12. *Spring, 8.*
- [14. DIFFERENTIAL EQUATIONS—INTRODUCTORY COURSE. Prerequisite, course 6.]
15. GENERAL ASTRONOMY — INTRODUCTORY COURSE. Prerequisite, course 2. *Spring, 2.*
16. PHYSICAL ASTRONOMY: The course is given principally by means of lectures. Prerequisite, courses 5, 15. *Fall, 2.*

PHYSICAL CULTURE.

PROFESSOR BOOS, DIRECTOR.

General Statement.

The department of Physical Culture is established with the view of promoting the best health of the individual, to enable him to co-ordinate muscular movements more quickly, and with grace, to provide for greater physical symmetry, and to inculcate a knowledge of the functions of his own body. To facilitate these ends a modern college gymnasium has been provided, well equipped with necessary apparatus and furnished with good dressing rooms, lockers and shower baths. The gymnasium building is under the complete supervision of a competent director, or his assistant, in whose absence the building will be closed. Dangerous exercises and "tricks" will not be encouraged, since the department does not aim to develop athletes. As far as possible all gymnasium and class work will be

based upon careful physical examination of the vital organs, muscular symmetry and strength tests, the records of which are, at all times, open to the student or his parents. All practical work in the department is Hygienic, Corrective, Pedagogical and recreative in nature, and all students will be required to complete six term work for graduation, three of which must be taken in either the Freshman or Sophomore year.

Students debarred from exercise by some physical disability, or continued medical treatment, will be compelled to furnish a certificate from some reputable physician, stating nature of the disability, length of time student has been under medical treatment, and definite reasons for acceptance of excuse. These certificates must be presented to the director in charge of the department at the beginning of each term, the College reserving the right to accept or reject the same, if the above requirements are not fulfilled, or if, upon investigation, the student is judged capable of taking the work. Provision will be made for special work for any students incapable of taking regular course work, the director co-operating with the physician in endeavoring to secure the best results for the student.

Gymnastic costumes will be required of all students taking work in the Department of Physical Culture. These must be worn during all class exercises, and no student will be allowed the gymnasium floor unless clad in the regulation costume. The costume of the young ladies will consist of bloomers and blouse (or sweater), preferably of same dark material, and rubber soled shoes. The costume of the young men will consist of the regulation Turner trouser, quarter sleeve Jersey shirt and rubber soled shoes, costing in all about \$3.50.

Courses.

(Courses marked *a* are for men, *b* for women.)

- 1, *a*. Military marching, Swedish work, dumb-bell drills, high horizontal bar exercises with swings, parallel bar exercises in traveling leg and thigh work, gymnasium games.

Fall, Tues., Thur., 8.

- b*. Military marching and beginning of fancy steps, Swedish work adapted to the needs of the class, horse work, turning exercises

in various seats, medicine ball exercises, bringing muscles of chest, waist and back well into play, gymnasium games.

Fall, Wed., Fri., 8.

- 2, *a.* Military marching, Swedish and dumb-bell drills (prerequisite, course 1). Buck, distance vaults with various turns. Side-horse, vaults with turns. Long-horse, distance springs, and vaults. Rings, swinging exercises in various hanging positions.

Winter, Tues., Thur., 8.

b. Marching and development fancy steps in evolutions. Swedish drills, in progression. Indian clubs, two circle combinations. Parallel bars, various seats and rests. High horizontal bar, exercises in straight and flexed arm hangs.

Winter, Wed., Fri., 8.

- 3, *a.* Military marching, given in double time. Swedish work, heavy movements of broad range and rapid progression. Dumb-bell drills. Roberts given rapidly. Side-horse, feints with vaults and circles. Parallel bars, keppes, rolls and springs, given separately, special attention being paid to form. Athletic work. Pole vault, high jump, etc.

Spring, Tues., Thur., 8.

b. Continuation and further development of work proposed in course 2 *b.*

Spring, Wed., Fri., 8.

- 4, *a.* Marching. Wands, heavy movements in three combinations. Indian clubs, follow movements with two or three combinations. Low horizontal bar, advanced circles, leading up to heavier circles upon high bar. Mats, snap up, head, hand and neck springs.

Fall, Wed., Fri., 2.

b. Marching. Swedish work, adapted to needs of class. Indian clubs, two-circle combinations and follow movements. Side-horse circles and seats. Mats, various exercises for co-ordination, and muscular control. Gymnasium games.

Fall, Wed., Fri., 9.

- 5, *a.* Marching. Wands, heavy movements leading into postures. Indian clubs, follow movements with beginning of horizontal wrist movements. Parallel bars, combinations with rolls, shoulder

stands, hand-springs, etc. Side horse advanced combinations in circles and turns. Basket ball. *Winter, Wed., Fri., 2.*

b. Marching. Indian clubs (continuation of course 4 *b*). Poles, two-movement combinations. Apparatus work adapted to needs of the class. Basket ball. *Winter, Wed., Fri., 9.*

6, *a.* Marching. Indian clubs (continuation of course 5 *a*). Dumb-bell drills, heavy. Mats: work in rolls, dives and springs, with combinations of the same. Athletic work. *Spring, Wed., Fri., 2.*

b. Marching. Indian clubs, three and four-circle combinations. Poles, three-movement combinations. Apparatus adapted to needs of the class. *Spring, Wed., Fri., 9.*

GENERAL INFORMATION.

Special Announcement.

During the college year 1899-'00, special courses of instruction will be given in Literature, History, Philosophy, Pedagogy, Biology, etc. These courses will be given at the Indianapolis High School, and are intended for the benefit of teachers in the public schools. Credits toward a college degree will be granted such as complete the work required. More definite announcement will be made later.

Classification of Students.

The classification of students is based on the number of credits due at the beginning of the year. All regular students, candidates for a degree, are registered as sophomores when they have eight major courses to their credit; as juniors, when they have seventeen; as seniors, when they have twenty-six. Entrance conditions must be made good at once, and students fail of promotion beyond sophomore class so long as they are in arrears in respect to entrance requirements. No one having more than three entrance credits in arrears shall be classed as a regular student.

Final Examinations of the Terms.

Examinations in all courses of study are held at the close of each term in the same order as the regular recitations. Students are graded in each study pursued during the term. A student failing in an examination must make such failure good before the beginning of the next following collegiate year, otherwise he will be required to take the work over in the next succeeding class. Absence from examination counts as failure. A student taking an examination at a time other than that appointed for his class must first pay to the treasurer, for the benefit of the library fund, the sum of one dollar. Failure at examination entails forfeiture of class standing.

Term Reports.

During the last week of each term a report of the attendance and proficiency of each student is prepared and sent to his parent or guardian, who is earnestly requested to give such report careful attention, or to notify the secretary of any failure to receive it. These reports should be preserved.

Students are graded on a scale of 100 as follows: 60 is passing grade, and 80 indicates a fair degree of excellence.

The term report made at the close of the spring term will indicate, also, the student's arrears (if any) in entrance requirements and prescribed work, and will give the number of credits toward graduation due him, thus showing his classification for the beginning of the following year.

Religious Duties.

All students are expected to attend daily morning devotional exercises in the college chapel, and, on Lord's Day, religious services at such place of public worship as each may elect.

Prizes.

1. A certificate entitling the holder to one year's tuition (tuition and incidental fees, \$31.50) is offered as a prize in oratory, the contest to be held among members of the Sophomore class, and the award to be made to the orator receiving the highest grade.

2. A like certificate is offered as a prize for the best essay, the contest to be held among members of the Sophomore class, and the award to be given to the essayist receiving the highest grade.

3. A like certificate will be given as a prize in debate, provided a student of Butler College shall receive the highest grade in the University primary debate, held annually in preparation for the inter-collegiate debate. To any such student of Butler College this prize will be awarded.

4. A like certificate will be given as a prize in oratory, provided a student of Butler College shall receive the highest grade in the University primary contest, held annually for the selection of representative at the State Oratorical Contest. To any such student of Butler College this prize will be awarded.

Only regular students, candidates for a degree, may compete for these prizes. These prizes are not transferable, excepting those awarded to Seniors, which may be transferred with the consent of the faculty. Tuition prizes are not available for use in the same college year in which they are awarded.

Since the issue of the catalogue for '97-'98, the above prizes have been contested for successfully as follows:

1. Sophomore Prize Oration, June, 1898: John Raymond Carr.
2. Sophomore Prize Essay, June, 1898: Edith Keay.
3. Highest grade in Primary Debate, December, 1898: Orval Mehring.
4. Prize Oration for State Contest, December 1898: Charles Herbert Bass.

Payments to the College.

The fees for tuition, incidentals, apparatus and library are payable at the beginning of each term, and the student, to be enrolled in class, must present to the instructor in charge the registrar's order of admission, with the treasurer's receipt for fees. These fees amount ordinarily to twelve dollars per term, as follows:

Tuition fee, \$6 in script, costing.....	50
Incidental fee.....	\$10 00
Library fee.....	1 50
Total per term.....	\$12 00

A special fee is charged students having laboratory work, as follows:

In Chemistry, courses 1, 2, 3, per course	\$3 00
In Chemistry, other courses, per course	4 00
In Biology, per course	3 00

In addition to the above fees there is to be taken into the account a gymnasium suit, which, in the case of the young men, is furnished by the College, and the price of which will be payable along with the other fees at the beginning of the year. The price of this suit, including shoes, is \$3.50.

The young women provide their own gymnasium suits subject to the direction of the instructor.

A fee of \$1 is charged for special examinations (see p. 78). A fee of \$1 is charged for registration, if the student presents himself for

that purpose at any other than the times fixed in the College calendar. A fee of \$5 is charged each person taking the baccalaureate degree. The fee charged for the Master's degree is \$10. Fees must be paid before degree will be granted.

The tuition fees of non-resident graduate students are one-half the regular rate, plus the usual fee for special examinations.

Expenses of Residence.

Following are estimates of yearly expenses calculated for the session of thirty-six weeks:

Tuition per year.....	\$ 36 00	Tuition with laboratory fee	
Room, board, etc.....	100 80	added.....	\$ 45 00
Books.....	15 00	Choice room.....	108 00
	<hr/>	Books	15 00
	\$151 80		<hr/>
			\$168 00

The above estimates for room and board are based on rates charged at college residence, board and lodging ranging from \$2.80 to \$3 per week according to location of room. The residence is under the management of Mrs. Geo. W. Brown, whose name is a guaranty of first-class accommodations. Board is obtainable in private families at from \$3 to \$4 per week. Students who feel it necessary to curtail expenses as much as possible will find rooms to let at lower rates, with facilities for independent house-keeping, or opportunity for the formation of clubs.

Co-operative Club Board.

A boarding club is organized each year, on the co-operative plan, in which students may obtain good table board at the lowest possible rates. A steward is elected by the club, who attends to the business of the club, and the character of the board can be made to suit the desires of the club members. The usual rate is about \$1.75 per week. Those who contemplate taking advantage of this opportunity for cheap board should address C. O. Dobson, Irvington, Indiana.

SCHEDULE FOR RECITATIONS.

	8	9	10	10:30	11:30	2	3
FALL.	Biology 7 Philosophy 1 Spanish 3 Sociology 5 Mathematics 7 English 3 N. T. Greek 1 Biblical/Theology 1 Propædæutic 7 Phys. Culture 1	Chemistry 1 Biology 1 Mathematics 1 Pol. Science 3 O. T. Introduct'n 1 N. T. Introduct'n 4 Phys. Culture 4-b	Chapel	Latin 1 Greek 10 German 10 Philosophy 4 Sociology 1 Mathematics 4 Geology 1 Church History 1	Latin 4 Greek 7 German 7 French 4 Chemistry 7 German 4 Greek 4 Hebrew 1 English 4	Latin 7 French 1 Greek 13 English 5 German 16 Greek 1 German 1 Pedagogy 1 Mathematics 16 Phys. Culture 4-a	Chemistry 1; 7; 10; Laboratory Biology 1; 7; 9; Laboratory
WINTER.	Biology 5 Philosophy 2 History 1 Sociology 6 Mathematics 10 Homiletics 5 Church History 2 Phys. Culture 2	Chemistry 2 Biology 2 Mathematics 5 Sociology 7 English 1 O. T. Introduct'n 2 Church History 7 Phys. Culture 5-b	Chapel	Latin 2 Greek 11 German 11 Philosophy 5 Political Science 1 Mathematics 2 Geology 3 Hist. of Doctrine 2 N. T. Greek 2.	Latin 5 Greek 8 German 8 French 5 Chemistry 8 German 5 Greek 5 Hebrew 2 English 6 Bible 5	Latin 9 French 3 Greek 15 English 10 Mathematics 15 German 18 German 3 Greek 3 Pedagogy 3 Phys. Culture 5-a	Chemistry 3; 9; 12; Laboratory Biology 3; 6; 11; Laboratory
SPRING.	Biology 6 Philosophy 3 History 2 Sociology 8 Mathematics 13 Physics 1 Pastoral Theol. 6 Church History 8 Phys. Culture 3	Chemistry 3 Biology 3 Mathematics 6 Pol. Science 4 English 2 Hebrew 4 O. T. Introduct'n 3 Phys. Culture 6-b	Chapel	Latin 3 Greek 12 German 12 Philosophy 6 Sociology 2 Mathematics 3 Apologetics 3 Church History 3 N. T. Greek 3	Latin 6 Greek 9 German 9 French 6 Chemistry 9 German 6 Greek 6 Hebrew 3 English 7 New Testament 6	Latin 8 French 2 Greek 14 English 9 Mathematics 12 German 17 German 2 Greek 2 Pedagogy 2 Phys. Culture 6-a	Chemistry 2; 8; 11; Laboratory Biology 2; 5; 10 Laboratory

Butler Bible College,

IRVINGTON, INDIANA.

1899-1900.

FACULTY

JABEZ HALL, A. M., Dean, Professor of Homiletics and Pastoral Theology.

A. B., Bethany College, 1865; A. M., Butler College, 1898; Pastor of the Christian Church, Wheeling, W. Va., 1865-'72; Euclid Av. Church of Christ, Cleveland, Ohio, 1872-'89; Seventh St. Christian Church, Richmond, Va., 1889-'97; Professor of Homiletics and Pastoral Theology, Butler Bible College, 1897-—.

ALLEN RICHARDSON BENTON, A. M., LL. D., Professor of Biblical Theology.

A. B., Bethany College, 1848; A. M., *ibid.*, 1849; Professor Latin and Greek, Northwestern Christian University, 1855-'61; President Northwestern Christian University, 1861-'68; President Alliance College, 1869-'71; LL. D., Butler College, 1871; Chancellor University of Nebraska, 1871-'76; Professor of Philosophy, Butler College, 1876-'97; President Butler College, 1886-'91; Professor of Biblical Theology, Butler Bible College, 1898-—.

BURRIS ATKINS JENKINS, A. M., B. D., Professor of New Testament Literature and Exegesis.

A. B., Bethany College, 1891; Graduate Student Yale University, 1892-'94; Graduate Student Harvard University, 1894-'95; B. D., *ibid.*, 1895; Williams Fellow, *ibid.*, 1895-'96; A. M., *ibid.*, 1896; Pastor Third Christian Church, Indianapolis, 1896-—; Professor New Testament Literature and Exegesis, Butler Bible College, 1898-—; President University of Indianapolis, 1899-—.

WINFRED ERNEST GARRISON, B. D., Ph. D., Professor of Church History, and acting Professor of Hebrew.

Bethany College, 1890-'91; A. B., Eureka College, 1892; A. B., Yale University, 1894; Yale Theological Seminary, 1894-'95; Divinity School, University of Chicago, 1895-'97; B. D., *ibid.*, 1897; Ph. D., *ibid.*, 1897; Instructor in Disciples Divinity House, University of Chicago, 1897-'98; Docent in Church History, University of Chicago, 1897-'98; Professor of Church History, Butler Bible College, 1898-—.

EDWARD SCRIBNER AMES, A. M., Ph. D., Professor of Philosophy and Pedagogy.

A. B., Drake University, 1889; A. M., *ibid.*, 1891; Graduate Student Yale University, 1891-'92; B. D., *ibid.*, 1892; Graduate Student, *ibid.*, 1892-'94; Fellow in Philosophy, University of Chicago, 1894-'95; Ph. D., *ibid.*, 1895; Instructor, Disciples' Divinity House, University of Chicago, 1895-'97; Docent in Philosophy, University of Chicago, 1896-'97; Professor Philosophy and Pedagogy, Butler College, 1897-—.

JACOB DORSEY FORREST, A. M., Professor of Sociology and Economics.

A. B., Hiram College, 1892; A. M., *ibid.*, 1892; Graduate Student in Political Science, Ohio State University, 1893-'94; Graduate Student in Sociology, Political Economy and Ethics, The University of Chicago, 1894-'95; Fellow in Sociology, *ibid.*, 1895-'97; University Extension Lecturer in Sociology, *ibid.*, 1896-—; Professor of Sociology and Economics, Butler College, 1897-—.

ORGANIZATION

Relation to Butler College.

The Butler Bible College is a distinct organization, with its own board of trustees, separately incorporated, consisting of men well known among the disciples of Christ in Indiana. At the same time, however, that it maintains its separate identity, it takes advantage of certain opportunities accorded it by the trustees of Butler College. Its recitation rooms are in the buildings of Butler College; its students have the privileges of the dormitories, libraries, laboratories, gymnasium and other equipment of Butler College, and its matriculates are admitted to the classes of the College of Arts upon the same terms as the matriculates of Butler College.

Trustees.

The following gentlemen have been selected as trustees of the Bible College:

E. P. Wise, Irvington, Ind.; Burris A. Jenkins, Indianapolis, Ind.; Geo. W. Snider, Indianapolis, Ind.; Z. T. Sweeney, Columbus, Ind.; J. H. McNeill, Rushville, Ind.; E. S. Ames, Irvington, Ind.; Wm. V. Morgan, Indianapolis, Ind.; A. J. Frank, Lebanon, Ind.; A. B. Philput, Indianapolis, Ind.; S. M. Cooper, Cincinnati, Ohio; A. McLean, Cincinnati, Ohio; John E. Pounds, Irvington, Ind.; Will. G. Irwin, Columbus, Ind.; Jabez Hall, Irvington, Ind.

Term of Study.

The next annual term of study will begin simultaneously with that of Butler College on Monday, October 2, 1899, and will continue until Thursday, June 21, 1900, when its commencement will be held in conjunction with that of Butler College.

Conditions of Admission.

Three classes of students, who shall satisfy the faculty of their good moral character, may obtain admission to the courses of study in the Bible College, as follows:

(1) Candidates for the degree of Bachelor of Arts in Butler College may elect courses in the Bible College during their Junior and Senior years which shall count toward their academic degree. Juniors may elect one-third and Seniors two thirds of their work in the Bible College, subject to the rules and approval of the faculty of both colleges.

(2) Bachelors of Arts of any reputable college, or those who satisfy the faculty of the Bible College that their attainments will warrant their admission, who look forward to the degree of Bachelor of Divinity, may become matriculates of the Bible College. Such students are, upon the approval of the faculty, admitted to courses in Butler College on equal terms with academic students, provided that two-thirds of their work be taken in the Bible College.

(3) Special students, who do not wish to obtain a degree, but who are desirous of taking studies in the Bible College, may be admitted provided they satisfy the faculty that their attainments will justify it. For such students no special courses can be arranged other than those provided for regular students.

Election of Courses.

As large a latitude as possible will be accorded students in the election of their courses. It is, however, evident that in most courses a logical order is necessary, and no student will be admitted to any course who has not, in the judgment of the faculty, by previous studies fitted himself for such course.

Degree.

The Bible College will, upon the satisfactory completion of three years of resident study under its faculty, accord to any student who has been admitted to candidacy for the degree, the degree of Bachelor of Divinity.

DEPARTMENTS OF INSTRUCTION.

HOMILETICS AND PASTORAL THEOLOGY.

PROFESSOR HALL.

General Statement.

In this department instruction will be given in the preparation and delivery of sermons. Students will, in addition to courses in Homiletics in the most approved text-books, be required to prepare outlines of sermons. The lives and styles of the greatest preachers will be studied, and select ones of their sermons will be analyzed.

Instruction will also be given in the practical management of churches and pastoral care. Dean Hall's long experience among the best churches in the country enables him to give valuable aid to young men preparing for pastoral work. The subjects of city evangelization and of home and foreign missions will be taught both in the class-room and by institutes of lectures.

In addition to the regular work of this department, the Dean will also offer some courses in Hermeneutics and Old Testament:

Courses.

- 1, 2, 3. OLD TESTAMENT INTRODUCTION: On the basis of the Revised Version, a course will be provided for students, general in its character and scope. It will be the aim of this study to acquaint the student with the contents of the Old Testament, and the relations which it holds to the right understanding of the New Testament. *Fall, Winter, Spring, 9.*
- [4. SCRIPTURE INTERPRETATION: It will be the aim of this course to thoroughly acquaint the student with the principles and rules of scripture interpretation. The history of Interpretation will be given in a series of lectures.

5. **HOMILETICS:** The preparation and delivery of sermons will be taught with the aid of a text-book. Analysis and criticism of masterpieces, original plans, and sermons will be required which will be criticised by the instructor. *Winter, 8.*
6. **PASTORAL THEOLOGY:** This study will be conducted with a suitable text-book, supplemented by institute lecture courses on "Modern Methods in Church Work," and on "City Evangelization." In this course the student will make investigations of the forms of organization and methods of work in the different denominations, both Roman Catholic and Protestant. *Spring, 8.*
7. **PROPÆDEUTIC:** The object of this course is to furnish an outline of the various departments of theology; to define their nature, mutual relations, aim and boundary lines; to show their respective functions and values, together with the best methods of their study and the bibliography of the subjects. The student will thus acquire a general view of the subjects which will engage his attention as he passes through his theological preparation for the work of the ministry, and so be the better prepared from the first to estimate the importance and relation of these studies. *Fall, 8.*

BIBLICAL THEOLOGY.

PROFESSOR BENTON.

General Statement.

The aim of biblical theology is to ascertain and formulate the religious, doctrinal and ethical views of each Biblical writer, in the order of historical development. Regarding the Bible as containing the historical development of revealed religion, the chief purpose of this department will be the discovery and construction from the history of revelation, of the divine order, methods and doctrines, as found in the Bible.

These courses will be offered to students, partly by means of lectures and partly by text-books, which will be announced later.

In addition to the work belonging strictly to the department of Biblical Theology, Prof. Benton will offer the following work in History of Doctrines, Evidences, etc.:

Courses.

1. **BIBLICAL THEOLOGY OF THE OLD AND NEW TESTAMENT, WITH THE HISTORY OF THE CANON:** The study of the canon involves the determination of what constitutes the Holy Scriptures, how formed, their integrity and authenticity. Old Testament Theology aims to trace in a historic way the progressive development of religious ideas, institutions, and Messianic hopes through the successive stages of development of the Israelitish people. *Fall, 8.*
2. **THE HISTORY OF CHRISTIAN DOCTRINE:** This is intended to trace the continuity and development of Christian thought from the apostolic age, through the centuries to the present, embracing Greek, Latin and Modern theologies. *Winter, 10:30.*
3. **APOLOGETICS AND EVIDENCES:** Apologetics will consider the polemic history of the church in its speculative contests with atheism, materialism, rationalism and positivism, as they are related to Christian Theology. Christian Evidences, as a study, has for its aim a statement of the positive and historical evidence of the truth of the Christian scriptures. *Spring, 10:30.*

HEBREW AND OLD TESTAMENT LITERATURE.

PROFESSOR GARRISON.

Courses.

- 1, 2, 3. **BEGINNING HEBREW:** The first term is occupied by a detailed inductive study of the Hebrew text of Genesis i-ii, as a basis for the mastery of the more common grammatical forms and the elements of syntax. In the second term the reading of Genesis iii-viii will be accompanied by the continued study of the grammar, with especial emphasis on the weak verb, and will be followed by the more rapid reading of selected passages of easy historical Hebrew. During the first and second terms Harper's Elements of Hebrew and Harper's Introductory Hebrew Method and Manual will be used as text-books. In the third term emphasis will be laid upon more rapid read-

ing in the historical books and the acquisition of a vocabulary embracing most of the words of frequent occurrence in the Old Testament, one hour a week being devoted to sight reading and one hour to careful grammatical work. These three courses are intended to give a sufficient acquaintance with the language to enable the student to use it with accuracy and a fair degree of ease in exegetical work and critical study of the Old Testament

Fall, Winter, Spring, 11:30.

4. DEUTERONOMY AND AMOS: The study of Deuteronomy will embrace the reading of a considerable part of the Hebrew text, and a consideration of the characteristics of the book and its place in the development of the religion of Israel. The reading of the text of Amos will be accompanied by careful exegetical work, a study of the theology of Amos and an introduction to the history of prophecy. This course is open only to those who have had at least three terms of Hebrew. It may, however, be taken simultaneously with course 3, but may not be substituted for it.

Spring, 9.

NEW TESTAMENT LITERATURE AND EXEGESIS.

PROFESSOR JENKINS.

General Statement.

It is the purpose of this department to put the student in a position to acquire an intimate knowledge of the New Testament Scriptures. It is not so much the purpose to impart that knowledge as to teach the student how to acquire the knowledge for himself. To this end the principles of the Greek Grammar of the New Testament will be inductively taught upon the basis of the New Testament text itself. Thorough as well as cursory reading of the Greek Testament will be required, and such a general working knowledge of the New Testament will be imparted as will enable the student further to pursue his studies systematically. Instruction in the doctrines of the New Testament and its homiletical value will not be neglected. Some idea of the state of the world at Christ's coming, of the literature then influencing mankind and especially the Hebrew people, a gen-

eral knowledge of the life of Christ and the early years of Christianity, will be given.

For admission to the regular courses of this department, a working knowledge of Greek is indispensable. Among the following courses, such ones will be offered as students may elect or the time of the professor admit. Course 5 will certainly be given.

Courses.

- 1, 2, 3. NEW TESTAMENT GRAMMAR AND EXEGESIS. This course contemplates a thorough drill in the principles of the grammar of the Greek New Testament, and of New Testament exegesis, on the basis of a careful study of the Greek text of certain passages. Certain Gospels and Epistles will be more or less minutely read; and extended selections from the New Testament will be rapidly read, often at sight, to accustom the student to the easy handling of his Greek New Testament. Westcott & Hort's or the Revisers' Greek Text, Thayer's New Testament Lexicon, and Buttman's (or Winer's) New Testament Greek grammar are required. *Fall, 8; Winter, Spring, 10:30.*
4. NEW TESTAMENT INTRODUCTION: This is a seminar course for advanced students. The Pauline epistles will be studied as to time and place of writing, object, destination, structure, doctrines, style, genuineness, etc. Weiss's New Testament introduction will be used as a basis. Weekly themes will be required. *Fall, 9.*
5. THE LIFE AND EPISTLES OF ST. PAUL: This will be a course based upon the English text of the New Testament and designed to meet the needs of the academic students in their required Bible study. The course will be more or less popular and an attempt will be made to render it attractive to the undergraduate students. The life of Paul will be chronologically studied with the aid of the best popular works on the subject and a text-book will be required. Occasional themes will be expected. *Winter, 11:30.*

6. **ACTS OF THE APOSTLES:** This is a seminar course for advanced students, and consists of a minute and careful study of that book of the New Testament, which, at present, forms the center of interest among many New Testament scholars. The problems connected with the introduction to the book will be carefully examined, and the text read. *Spring, 11:30.*
7. **UNIVERSITY BIBLE LECTURES:** This will be an elective course of ten or twelve lectures, open to all members of the University and to the general public, to be given at some central location in the University buildings in the city of Indianapolis. They will be upon subjects touching the life of Christ, and the life and writings of Paul, and some of them will be illustrated with stereopticon views taken from masterpieces of art. No credit will be given for this course.

CHURCH HISTORY.

PROFESSOR GARRISON.

General Statement.

The field of Church History is so vast and its relations with other phases of history so intricate and varied that no attempt can be made to cover the whole field in any degree of detail in a single course or series of courses of reasonable duration. The aim will be, therefore, to give the student at the outset a bird's-eye view of the whole subject, to be followed by more minute study of such special periods as he may elect. It is not necessary that the special periods be taken up in chronological order, but in the case of certain courses the desirability of such an arrangement is obvious; e. g.: courses 2 and 3; courses 7 and 8.

In no case will the study be confined narrowly within the limits of ecclesiastical events. The history of religion is no less broad than the history of man. In each period the purpose will be to grasp and interpret the political, social and literary, as well as the strictly religious movements.

Courses.

1. **OUTLINE OF CHURCH HISTORY:** This course will constitute an introduction to the study of Church History, and *its completion will be a prerequisite to the election of any of the other courses in the department.* The aim will be to get an orderly, systematic and connected view of the entire field of Christian history, its epochs and turning points, its leading movements, events and characters. The instruction will be for the most part by lectures, based on a syllabus prepared by the instructor, in connection with which Sohm's Outlines of Church History will be used as a text-book and outside reading will be assigned. *Fall, 10:30.*
2. **ANTE-NICENE CHRISTIANITY:** The preparation of the ancient world for Christianity; the Apostolic age; development of the Episcopate; origin of dogma; rise of the Old Catholic Church; relation of church to state, through persecution to final alliance under Constantine; development of doctrine to the Nicene Council. *Winter, 8.*
3. **EARLY CHRISTIAN LITERATURE:** This course will deal more minutely with some of the problems raised in the preceding course. The writings of the Apostolic and early Catholic Fathers will be read, partly in the original texts and partly in translation. The church history of the second century will be studied from its sources, with especial reference to the development of the conception of the church, the sacerdotal interpretation of Episcopacy, and the Catholic Rule of Faith. Prerequisites, courses 1 and 2. *Spring, 10:30.*
- [4. **HISTORY OF MEDIÆVAL CHRISTIANITY.** *Winter.*]
- [5. **THE PROTESTANT REFORMATION: German and Swiss.** *Spring.*]
- [6. **THE ITALIAN RENAISSANCE.** *Winter.*]
7. **THE PROTESTANT REFORMATION IN ENGLAND AND SCOTLAND:** A brief survey of the history of early British Christianity, the effect of the Norman conquest on the church in England, the

relation of the English crown to the Papacy from the Normans to the Tudors, and the growth of popular liberty, will be followed by a study of some of the more definite forerunners of religious reformation in England: Grosstête, Wiclif, Colet, Erasmus and Tyndal. The religious, political and social movements in England under the Tudors from Henry VIII to Elizabeth, and in Scotland during the same period, will be studied with as much minuteness as time will permit. *Winter, 9.*

8. ENGLAND SINCE THE REFORMATION: The high-church policy of Laud; rise of Independency; civil war, commonwealth and reign of Puritanism; restoration of episcopacy; revolution of 1688; the struggle of non-conformists for equality before the law; Locke and English deism; Wesleyan and Evangelical revivals; Oxford movement; men and movements in the English church of to-day. *Spring, 8.*

- [9. HISTORY OF MISSIONS.

Fall.]

- [10. AMERICAN CHRISTIANITY.

Spring.]

PHILOSOPHY.

PROFESSOR AMES.

General Statement.

In addition to the foregoing courses the following courses in the departments of Philosophy and Sociology of the College of Arts are recommended for election.

In many ways the study of Philosophy has significance for the training of the minister. The fundamental problems of religion, concerning God, Nature, and Man are also the ultimate problems of philosophical inquiry. In the history of philosophy the student becomes familiar with the statement of these problems, their difficulties, and the progressive attempts at their solution. He is thus given a method by which to understand and cope with the profound questions of present day thought in their theoretical formulation. The special philosophical disciplines, such as ethics, logic, and espe-

cially psychology, are not only essential to general culture but are vital to the work of the minister. The following outline of courses will indicate further the significance of the subjects treated:

Courses.

1. **PSYCHOLOGY—ELEMENTARY COURSE:** It is the purpose of this course to acquaint the student with the scope and method of the science, with the nature and activities of the mind, and with the laws and processes of mental development. Special references to various authors will afford opportunity to adapt the course to the special interests of individual students. Text, James' Psychology, briefer course. *Fall, 8.*
2. **LOGIC:** The processes and laws of valid thinking, together with the various kinds of fallacies are critically examined. Both the deductive and inductive phases of inference are considered in the concrete form of argumentative and scientific literature. A philosophical treatment of the nature of judgment and knowledge is outlined. *Winter, 8.*
3. **ETHICS:** The conceptions of moral obligation, virtue and freedom are treated psychologically and critically. An analysis is made of character, habit, desires and ideals from the psychological and ethical points of view. Social institutions and the duties they involve, together with the factors in moral progress, will be outlined. Practical problems will be taken up in discussions and papers. Text, Mackenzie, Manual of Ethics. *Spring, 8.*
4. **HISTORY OF PHILOSOPHY:** Descartes, Spinoza and Leibniz will be the chief authors treated in the study of seventeenth-century thought in Europe. Selections from their writings will be critically examined and discussed. *Fall, 10:30.*
5. **HISTORY OF PHILOSOPHY:** English thought from Hobbs to Hume will be carefully reviewed, particular attention being given to Locke and Hume. *Winter, 10:30.*
6. **HISTORY OF PHILOSOPHY:** Kant and Hegel and an outline of the main trend of subsequent thought to the present time will be the chief topics. *Spring, 10:30.*

SOCIOLOGY.

PROFESSOR FORREST.

General Statement.

The work of this department is of deep interest to any student preparing for the Christian ministry. Any and all phases of social life have their bearing upon the pastor's work. Every minister, both as a citizen and as a public teacher, must constantly pass judgments upon social facts and forces, and should therefore be able to speak and act intelligently. The fundamental principles of the gospel are unchanging, but the conditions under which those principles are to be applied are largely determined by the social life of the times. It is, therefore, important that the minister should thoroughly understand the society which largely determines the lives of the individuals to whom he is to preach.

The scope of the department is stated as follows in the catalogue of the COLLEGE OF LIBERAL ARTS. "The primary aim of this department is to train students in the observation of social phenomena and reflection on social relations, to the end that they may be prepared to discharge their duties as members of society. But in addition to such introductory courses as are essential to a liberal education further courses are offered which, on the one hand, will prepare students for advanced specialization in the various social sciences, and, on the other, will furnish a broad foundation for professional studies. In all courses the effort is made to give students the *methods* rather than the *results* of social study, and wherever it is practicable the student is encouraged to make independent and first-hand investigations."

Courses.

1. INTRODUCTION TO SOCIOLOGY: A concrete and illustrative study of the nature and institutions of modern society. The course is intended to serve as an introduction to the study of Sociology, Economics, and Politics. Henderson's *Social Elements* will serve as a guide. Prerequisite, credit for six majors of college work.

Fall, 10:36.

Students may profitably follow this course with course 1 in Political Science.

2. **ECONOMICS:** A thorough introduction is given to the leading principles of Political Economy. The work will be based on Hadley's *Economics*, but diverging views will also be considered. Prerequisite, credit for nine majors of college work. Required of all students either in the sophomore or in the junior year. *Spring, 10:30.*
3. **PRIMITIVE CULTURE:** A study is made of some of the leading problems of Anthropology and Ethnology, particular emphasis being laid upon the industrial and the ethical development among primitive peoples. Such a study of the beginnings of social evolution serves as a basis for advanced historical, sociological, and ethical investigation. A practical interest will be given to the course by the consideration of the principal ethnical characteristics of the inferior races with which the United States has to deal. Prerequisite, credit for twelve college majors. *Fall, 8.*
4. **SOCIAL EVOLUTION:** A study of the development of the main elements of modern civilization. The emphasis is laid on the interrelation of the industrial and ethical lines of development. An investigation is made of the beginnings of civilization in antiquity, the transition from the Græco-Roman Empire to the mediæval period, and the leading movements of the modern period. Lectures, readings, reports. Prerequisites, courses 1, 2, 5. The course in mediæval history must either precede or accompany this course. *Winter, 8.*
5. **SOCIALISM:** A brief historical sketch of socialistic theories of this century, followed by a critical examination of present-day socialistic positions, and a consideration of the socialistic trend of industrial development and its influence on the family, the state, and religious and ethical ideals. Prerequisite, course 2. *Winter, 9.*

6. **ADVANCED SOCIOLOGY:** An examination of current attempts to interpret social facts and forces. Lectures, readings, reports. Prerequisite, credit for eighteen majors of college work, including courses 1 and 2 and the elementary course in Psychology. *Spring, 8.*

SPECIAL LECTURES.

During the past year institutes of lectures have been given by the following speakers:

1. Missionary Institute, conducted by the Christian Woman's Board of Missions, including lectures by Miss Lois White, Mrs. A. M. Atkinson, W. M. Forrest, G. W. Muckley, Mrs. Kelly and Miss Mattie Pounds.

2. Old Testament Institute by O. T. Morgan, accompanied by lectures by J. H. Garrison, on the following subjects: The Message for the Ministry of To-day; The Higher Criticism; The Holy Spirit; Some Tendencies of Modern Religious Thought.

PUBLIC SPEAKING.

In addition to the instruction in Homiletics, the Bible students are admitted to the elocution classes of the college, and to the literary societies. An atmosphere favorable to the cultivation of oratorical ability is manifest in Irvington.

RELIGIOUS PRIVILEGES.

The Downey Avenue Christian Church, E. P. Wise, pastor, is in close connection with the College, both locally and sympathetically. Prominent preachers, from time to time, are invited to visit the town and college. Furthermore, the churches of Indianapolis are easily accessible with the religious services and lectures furnished by them.

The Young Men's and Young Women's Christian Associations are open to all students, both in the College and in the city of Indianapolis, and Christian Endeavor Societies are established and flourishing in the neighboring churches. An atmosphere of spirituality and devotion is fostered under the thoughtful and careful supervision of Dean Hall.

MUSICAL AND LITERARY OPPORTUNITIES.

The city of Indianapolis and its suburbs constitute a center of culture unsurpassed in the West. Concerts and musical instruction are obtainable equal to the best in the country. Lectures and literary advantages are open to the students which are not obtainable in any institution not in the immediate neighborhood of a city of equal cultivation.

SOCIAL ADVANTAGES.

The best homes in Irvington and Indianapolis are hospitably open to the students both of the College of Arts and the Bible College. The churches furnish a ready and easy means of introduction to the social life of the city, while the standing of the College in the community recommends the student to the consideration of the people of Irvington.

PHYSICAL EXERCISE.

The college gymnasium, tennis courts and athletic field are accessible to the Bible students, and the men are encouraged to take an adequate amount of exercise in order that their physical and mental welfare may be conserved.

BOARD AND EXPENSES.

The actual expense of attendance upon the Bible College is as low as that of any similar institution in the country. The tuition is the same as that of Butler College, twelve dollars a term for each of the three terms. Board may be secured in the college dormitory for \$3 a week, including furnished room, or for even less than this amount in students' clubs in the town. Although the faculty discourages so rigid an economy as might be detrimental to the health and vigor of the students, yet certain authorized clubs will be formed which will furnish good table board at the lowest possible rates that can be obtained in any college in the country. These are the chief items of expense which the student will be compelled to meet, aside from books and personal expenses.

BUTLER PREPARATORY SCHOOL

OMAR WILSON, A. B., *Principal,*
Instructor in Latin and Greek.

EVELYN MITCHELL BUTLER, A. B., *Instructor in English and History.*

WILLIAM MERRITT THRASHER, A. M., *Instructor in Mathematics.*

DEMARCHUS CLARITON BROWN, A. M., *Instructor in Greek.*

HENRY LANE BRUNER, A. M., Ph. D., *Instructor in Biology.*

WILLIAM JAY KARSLAKE, M. S., Ph. D., *Instructor in Physics.*

BERTHA THORMYER, A. B., *Instructor in German.*

JAMES LILLY ZINK, *Director of Physical Culture.*

Purpose.

As the name suggests, it is the main purpose of this school to fit students for college. Those expecting to enter college will save time by attending a good preparatory school. This is verified every year in the case of applicants from schools where the studies are not arranged with reference to college work.

Admission.

In order to enter the First Preparatory, applicants are required to furnish certificates of graduation from the common schools. A teacher's license is accepted in lieu of such certificate. In Arithmetic applicants must be able to pass examination on the metric system.

Applicants for admission to the Second Preparatory and Third Preparatory will present certificates from some commissioned high school, preparatory school or college. Such certificate should not only state specifically the work completed by the bearer, but should also show that he has an honorable dismissal.

Credits.

A recitation once a week throughout one term is called a *term hour*. In all subjects except Physical Culture, five term hours satisfactorily completed constitute one credit. In Physical Culture six term hours make a credit.

Recitations.

All classes except those in Physical Culture meet five times a week. One recitation a week in each class consists of a review or lecture or some other exercise requiring but little preparation on the part of the student.

Classification.

Although a student may be admitted to Third Preparatory classes, and may have the larger part of his work in this year, yet if he is conditioned on work amounting to more than four credits he is classed Second Preparatory.

One similarly deficient in the Second Preparatory is classed First Preparatory.

Classes.

In the first year all students have the same classes. In the second and third years choice is allowed from the following subjects: Greek, German, French. Unless by special permission of the faculty no student may take fewer than three subjects or more than four—exclusive of physical culture.

Physical Culture.

Classes in Physical Culture meet twice a week. This is required of all except those physically incapacitated for it. Those seeking exemption from these courses must present a satisfactory certificate from a physician. Such students are required to substitute credits in Greek, German, or French equal in number to those in Physical Culture from which they are excused. In such cases choice must be made of a subject not elected in the regular course.

Library.

Preparatory students have the same privileges of the library and reading room as students in the college.

Requirements for Graduation.

There are no formal exercises in connection with the completion of the preparatory courses. Thirty-six credits, exclusive of those in Physical Culture are required for graduation.

In addition to credits in other classes, secured by attendance here, credits in Physical Culture must be offered in the ratio of one to twelve. Thus, a student entering the first term second preparatory and completing two years' work, offers two credits in Physical Culture, and the same proportion holds for a longer or shorter time. Following is presented the arrangement of the work by classes:

FIRST PREPARATORY.

Fall Term.

- (1) ENGLISH A₁.
- (2) LATIN A₁.
- (3) HISTORY A₁.
- (4) MATHEMATICS A₁.
- (5) PHYSICAL CULTURE A₁

Winter Term.

- (1) ENGLISH A₂.
- (2) LATIN A₂.
- (3) HISTORY A₂.
- (4) MATHEMATICS A₂.
- (5) PHYSICAL CULTURE A₂.

Spring Term.

- (1) ENGLISH A₃.
- (2) LATIN A₃.
- (3) HISTORY A₃.
- (4) MATHEMATICS A₃.
- (5) PHYSICAL CULTURE A₃.

SECOND PREPARATORY.

Fall Term.

- (1) ENGLISH B₁.
- (2) LATIN B₁.
- (3) GREEK B₁ or GERMAN B₁ or FRENCH B₁.
- (4) MATHEMATICS B₁.
- (5) PHYSICAL CULTURE B₁.

Winter Term.

- (1) ENGLISH B₂.
- (2) LATIN B₂.
- (3) GREEK B₂ or GERMAN B₂ or FRENCH B₂.
- (4) MATHEMATICS B₂.
- (5) PHYSICAL CULTURE B₂.

Spring Term.

- (1) ENGLISH B₃.
- (2) LATIN B₃.
- (3) GREEK B₃ or GERMAN B₃ or FRENCH B₃.
- (4) MATHEMATICS B₃.
- (5) PHYSICAL CULTURE B₃.

THIRD PREPARATORY.

Fall Term.

- (1) ENGLISH C₁.
- (2) LATIN C₁.
- (3) GREEK C₁ or GERMAN C₁ or FRENCH C₁.
- (4) SCIENCE C₁.
- (5) PHYSICAL CULTURE C₁.

Winter Term.

- (1) ENGLISH C₂.
- (2) LATIN C₂.
- (3) GREEK C₂ or GERMAN C₂ or FRENCH C₂.
- (4) SCIENCE C₂.
- (5) PHYSICAL CULTURE C₂.

Spring Term.

- (1) ENGLISH C₃.
- (2) LATIN C₃.
- (3) GREEK C₃ or GERMAN C₃ or FRENCH C₃.
- (4) SCIENCE C₃.
- (5) PHYSICAL CULTURE C₃.

COURSES OF INSTRUCTION.

ENGLISH.

A₁, A₂, A₃. ANALYSIS AND SYNTAX: Southworth's Composition and Grammar. *Fall, Winter, Spring. Two hours a week.*

AMERICAN LITERATURE: Selections are studied from Irving, Bryant, Hawthorne, Longfellow, Whittier, Holmes and Lowell. The work is so planned that the student may understand the development of literature in America and may appreciate the influence under which each of the chief authors wrote and also the influence which he exerted on his time. As a guide in this work Brander Matthew's American Literature is used. These courses seek not only to make the student acquainted with some of the best American literature but also to quicken his appreciation of what is really good, and to secure accuracy in writing. Short compositions are written throughout the year. *Fall, Winter, Spring. Three hours a week.*

B₁, B₂, B₃. RHETORIC: Scott and Denny's Composition and Rhetoric. *Fall, Winter, Spring. Two hours a week.*

LITERATURE: One of Scott's longer poems and some of his short ones, Addison's Roger de Coverley Papers, Coleridge's The Rime of the Ancient Mariner, Goldsmith's Vicar of Wakefield, two of Shakspeare's plays, one of Scott's novels and one of Hawthorne's novels. Frequent compositions are written treating of the works studied. *Fall, Winter, Spring. Three hours a week.*

C₁. COMPOSITION: This course is devoted entirely to composition work. Frequent themes, constant references to the text-books of Scott and Denny, Carpenter, Hill, and Wendell, and conferences between the students and the instructor. *Fall. Five times a week.*

C₂, C₃. LITERATURE: Tennyson's Idylls of the King; one of Shakespeare's plays; Milton's L'Allegro, Il Penseroso and Lycidas; some of Dryden's short poems; Burke's speech on conciliation with America; essays of Carlyle and Macaulay.

COMPOSITION: Much stress is put upon the themes which accompany the study of the literature.

Winter, Spring. Five hours a week.

LATIN.

A₁, A₂. GRAMMAR: Memorization of forms; translation of sentences from Latin into English and from English into Latin; *colloquia*. Collar and Daniell's First Latin Book.

Fall, Winter. Five hours a week.

A₃. CONTINUATION OF A₁, A₂: Viri Romæ.

Spring. Five hours a week.

B₁, B₂. READING: Four books of Cæsar; sight reading. Bennett's Latin Grammar.

COMPOSITION: Bennett. *Fall, Winter. Five hours a week.*

B₃. READING: Cicero's four orations against Catiline; sight reading; grammar.

COMPOSITION: Bennett. *Spring. Five hours a week.*

C₁. READING: Cicero's orations for Archias and Milo; Selections from Cicero's letters; sight reading; grammar.

COMPOSITION based on text read. *Fall. Five hours a week.*

C₂, C₃. READING: Vergil's Æneid, five books; grammar.

COMPOSITION: Allen's Introduction to Latin composition.

Winter, Spring. Five hours a week.

GREEK.

B₁, B₂. GRAMMAR: White's First Greek Book; "In order to be able to read even simple Attic prose at sight one must know the usual forms of the Greek language, its ordinary constructions

and its general vocabulary. These three things are absolutely necessary."

Recitations are both oral and written. Students have daily practice in turning English sentences into Greek.

Fall, Winter. Five hours a week.

B₃. READING: One book of Xenophon's Anabasis.

COMPOSITION: Higley. *Spring. Five hours a week.*

C₁, C₂. READING: Three books of Xenophon's Anabasis.

COMPOSITION: Higley. *Fall, Winter. Five hours a week.*

C₃. READING: Xenophon's Symposium, Xenophon's Cyropædia.

COMPOSITION based on text read. *Spring. Five hours a week.*

GERMAN.

B₁, B₂, B₃. GRAMMAR: Joynes-Meissner.

READING: Either Joynes' or Whitney's Reader. In these courses it is the aim to ground the student well in the principles of German grammar, to teach him to acquire a vocabulary and to construct sentences easily and naturally.

Fall, Winter, Spring. Five hours a week.

C₁, C₂, C₃. READING: The class reads such prose as that of Riehl, Hauff and Heyse. The learning of the vocabularies is especially emphasized. Training in word analysis is begun and attention directed to the affixes and their functions.

Fall, Winter, Spring. Three hours a week.

COMPOSITION: Harris. In addition to this there are exercises in composition based upon the text read.

Fall, Winter, Spring. Two hours a week.

FRENCH

B₁. GRAMMAR: Edgren; pronunciation, simpler rules of syntax, irregular verbs and a working vocabulary; Super's reader, composition based on texts read. *Fall. Five hours a week.*

- B₂. LA FONTAINE: Fables, modern comedies and short stories.
Composition. *Winter. Five hours a week.*
- B₃. HISTORY OF FRENCH LITERATURE: (Warren's Primer); translation of Corneille, Racine and Moliere, of seventeenth century prose and of selections from Hugo and Daudet. Composition.
Spring. Five hours a week.
- C₁. NINETEENTH CENTURY WRITERS OF THE ROMANTIC SCHOOL: Saint-Pierre, Lamartine, Hugo, Sainte-Bueve, George Sand.
Fall. Five hours a week.
- C₂. EIGHTEENTH CENTURY WRITERS AND PHILOSOPHY: Voltaire, Rosseau, Montesquieu, Beaumarchais.
Winter. Five hours a week.
- C₃. CONTEMPORARY AUTHORS: Daudet, Augier, Coppee, Brunetiere, Bourget, Maupassant, Zola.
Spring. Five hours a week.

HISTORY.

- A₁, A₂, A₃. One of the following groups as the teacher may elect:
- (1) Two courses General History, one course English History.
 - (2) Two courses General History, one course American History.
 - (3) One course Grecian History, one course Roman History, one course English History.
 - (4) One course Grecian History, one course Roman History, one course American History.
 - (5) One course Ancient History, one course English History, one course American History.
- Fall, Winter, Spring. Five times a week.*

MATHEMATICS.

- A₁, A₂, A₃. ALGEBRA: Hall and Knight's Algebra to Quadratic Equations.
Fall, Winter, Spring. Five times a week.

B₁, (a) ALGEBRA: Quadratics, Theory of Quadratics, Inequalities, Ratio, Proportion and Variation. Hall and Knight to page 301. *Fall, first half term.*

(b) GEOMETRY: Wentworth's Plane Geometry. *Fall, second half-term. Five hours a week.*

B₂. CONTINUATION OF B₁ (b): Work completed. *Winter. Five hours a week.*

B₃. GEOMETRY: Wentworth's Solid Geometry. Work completed. *Spring. Five hours a week.*

SCIENCE.

C₁, C₂. PHYSICS: Avery's School Physics, work completed. Special attention given to the solution of problems. *Fall, Winter. Five hours a week.*

C₃. BIOLOGY: At the option of the instructor, a course in:

(1) *Botany*: An introduction to the study of plants. Morphology, physiology, classification. Barnes' Plant Life.

Spring: { *Lectures and Recitations, two hours a week.*
Laboratory, eight hours a week.

or

(2) *General Zoölogy*: A study of the structure, functions and development of typical invertebrates.

This course will be given only when Botany is not called for in the college; it may, however, be taken in the fall by students who find it convenient to do so. (See college courses.)

Spring: { *Lectures and Recitations, two hours a week.*
Laboratory, eight hours a week.

PHYSICAL CULTURE.

A₁, A₂, A₃. Boys: Carefully arranged exercises throughout the year, selected from the following: Swedish movements, low horizontal bar, wand drill, floor work, gymnastic games, buck, parallel bars, walking, running, fancy marching.

Practical talks throughout the year on physiological subjects. Elementary floor work includes all jumps with turns

and scissor-movements. Intermediate floor work includes rolls, dives and combinations of similar character.

Fall, Winter, Spring. Two hours a week.

GIRLS: Military and fancy marching, free gymnastics, wands and dumb-bells. Exercises from the Emerson and the Swedish systems are also used.

Fall, Winter, Spring. Two hours a week.

B₁, B₂, B₃. BOYS: Work in the gymnasium throughout the year, as follows: Swedish movements (advanced), dumb-bell drill (elementary and intermediate), parallel bars, horse, floor work, basket ball, indoor athletics, heavy wand drill, high horizontal bar (elementary).

Each day's exercises to begin with a short, sharp run of from three to five minutes. Heavy wand drill includes bayonet practice.

Fall, Winter, Spring. Two hours a week.

GIRLS: Exercises much the same as of courses A₁, A₂, A₃.

Fall, Winter, Spring. Two hours a week.

C₁, C₂, C₃. BOYS: Gymnasium work throughout the year, as follows: Dumb-bell drill (advanced), low horizontal bar (advanced), wrestling (elementary), Indian clubs (intermediate), high horizontal bar (elementary), posture and relaxation drills, floor work, basket ball, long horse, ladders (elementary and intermediate).

Practical talks each day.

Fall, Winter, Spring. Two hours a week.

GIRLS: Courses B₁, B₂, B₃, continued.

Fall, Winter, Spring. Two hours a week.

CATALOGUE OF STUDENTS.

Degrees Conferred—Commencement 1898.

Bachelor of Arts.

VIRGIL DALRYMPLE,
DAVID RIOCH,

ERRETT McLEOD GRAHAM,
EZRA CLAYTON ROBERTS,

ANSON HARVEY WASHBURN.

Also ARMSTRONG BRANDON CLARKE, of the Class of '97.

Master of Arts.

WILLIS MARVIN BLOUNT, A. B.

JABEZ HALL, A. B. (*causa honoris*).

GRADUATE STUDENTS.

BROWN, JESSIE CHRISTIAN.....	Irvington.
BURNER, WILLIS JUDSON.....	Irvington.
DAUGHERTY, EDGAR FAY.....	Franklin.
KENDALL, MILO HASKELL.....	Storm Lake, Ia.
PLACE, ALFRED WILLIAM.....	Rudolph, O.
VAN VOORHIS, WILLIAM DOWLING.....	Indianapolis.
WISE, ELIAS PRICE.....	Irvington.

SENIORS.

BASS, CHARLES HERBERT.....	Irvington.
BYRUM, PERRY MAGNUS.....	Indianapolis.
CAMPBELL, ELIZABETH.....	Irvington.
CLELAND, ETHEL ELIZABETH.....	Indianapolis.
GRUBB, STANLEY ROBERTS	Irvington.
HELMING, EMILY.....	Indianapolis.

HOBBS, ROBERT WILSON	Indianapolis.
KEAY, EDITH	Indianapolis.
KINGSBURY, SARA	Indianapolis.
MARSEE, MARY	Indianapolis.
MASON, BERTHA	Asheville, N. C.
MCGROARTY, CHARLES JOSEPH	Indianapolis.
MOORMAN, ELVET EUGENE	Irvington.
STEVENS, JAMES HENRY	Victoria, Australia.
WARD, ALBERT LUTHER	Irvington.

JUNIORS.

BUTLER, ELIZABETH ANNE	Irvington.
EDGEWORTH, ANNA	Irvington.
EMERICH, CORA	Indianapolis.
GOOKIN, GRACE FREDERIC	Indianapolis.
GRAHAM, ERNEST BURGESS	Winnipeg, Can.
GRAHAM, MARY CHARLOTTE	Winnipeg, Can.
GRIGGS, NELLIE MAY	Irvington.
HAUK, MABEL GERTRUDE	Indianapolis.
JOHNSON, EMSLEY WRIGHT	Indianapolis.
KERN, PENELOPE VIRGINIA	Kokomo.
LITTLE, BERTHA MAY	Irvington.
LOOP, CARL RAYMOND	Irvington.
LOOP, MARION	Mace.
NOEL, BLANCHE PUTNAM	Indianapolis.
PORTTEUS, ANSON LEROY	Marion.
ROBERTS, ETHEL BOOR	Irvington.
THOMPSON, EDWIN ELBERT	Glenn's Valley.
WATTS, SHELLEY DIGGS	Winchester.
WILLIAMSON, EARLE VANROY	Greensville, O.

SOPHOMORES.

ATHERTON, JOHN WHISLER	Irvington.
BUTLER, WALTER GRESHAM	Indianapolis.
CALVERT, ARTHUR MONROE	South Bend.
CARR, JOHN RAYMOND	Wanamaker.
CARTER, FRANK LINDLEY	Indianapolis.

CLIFFORD, GRACE JANE.....	Indianapolis.
CUNNINGHAM, JOHN MILTON.....	Finncastle.
CUNNINGHAM, MAY.....	Finncastle.
CUSTER, BYRON JUSTICE.....	Irvington.
DEPUTY, MARY LOVINA.....	Indianapolis.
GUMM, HARRIS HAROLD.....	Indianapolis.
MARTIN, MARIE EVANGELINE.....	Clayton.
MCCALLUM, MALCOLM HENRY.....	Irvington.
MCCONNELL, JOSEPH.....	Cumberland.
MCGAUGHEY, CARL WILLIAMSON.....	Irvington.
MOORE, WILLIAM RICHARD.....	Wanamaker.
OVERHISER, CLARA.....	Indianapolis.
SHOVER, ESTHER FAY.....	Indianapolis.
SMITH, RAYMOND ABNER.....	Vincennes.
SMITH, SOPHIA ADELAIDE.....	Fountaintown.
SWEENEY, JOSEPH IRWIN.....	Columbus.
SWINEHART, HERMAN PETER.....	
TALBERT, ERNEST..	Indianapolis.
VAN SICKLE, PIERRE.....	Fenton.
WALTON, SHIRLEY STANTON.....	Atlanta.
WILHITE, JESSE.....	Irvington.

FRESHMEN.

ADKINSON, WESLEY HARRY.....	Indianapolis.
AYERS, ELLIOTT.....	Indianapolis.
BLAIR, VERLE WINTRY.....	Plainfield.
BROWN, JULIET REBECCA.....	Indianapolis.
BURRELL, CATHERINE.....	Brownstown.
CAMPBELL, NETTA DEWEES.....	Irvington.
CHAMBERLIN, MARTHA NELSON.....	Maywood.
COFFIELD, RHODA.....	Greenfield.
CRAYCRAFT, MABEL.....	Noblesville.
DOBSON, CLARENCE OSCAR.....	Brownsburg.
DOLLARHYDE, CLIDE.....	Indianapolis.
DYER, JOHN ALLISON.....	Irvington.
EDSON, EARLE.....	Indianapolis.
GLASCOCK, VERNA.....	Covington.
GRIFFIN, KATHARINE.....	Greenfield.

HANNA, MORRIS McDONALD.....	Irvington.
HANNA, THOMAS HOLLIS.....	Irvington.
HAWKINS, MARY	Noblesville.
HEROD, HENRY LEWIS.....	Millersburg, Ky.
HUGGINS, EMMETT	Indianapolis.
JEFFRIES, PAUL.....	Irvington.
LONG, FRANK BOWEN.....	Kokomo.
LONGLEY, WILLIAM RAYMOND.....	Noblesville.
LOOKABULL, HARRISON RANDELL.....	Crawfordsville.
MOORE, ROLLA WILLIAM	Kokomo.
NEAL, WILLIAM MCCRAY.....	Indianapolis.
PIERCE, ROY.....	Westfield.
PIXLER, FRANK RAY.....	Delphi.
POULSON, ELIZABETH.....	Greenfield.
RICHEY, VERNA MEADE.....	Irvington.
RODNEY, HANNAH.. ..	Irvington.
SCOTT, ROSS REID.....	Somerset, Pa.
STUCKER, GOLIE.....	Indianapolis.
WHITCOMB, HOPE.....	Irvington.
WILCOX, EDNA.....	Sabine.
WILEY, HERBERT KEATON.....	Indianapolis.
WILLOUGHBY, WILLIAM DUCKWORTH.....	Irvington.
WINFIELD, CHARLES	Tipton.

SPECIAL STUDENTS.

ADAMS, DANIEL SHIMER	Wanamaker.
ATCHISON, WILL CHARLTON.....	Indianapolis.
BACON, RAYMOND FOX	Indianapolis.
BAGBY, ADA.....	Indianapolis.
BANTA, HORTON	Indianapolis.
BEARD, ALONZO	Roachdale.
BELL, EDWARD	Oaklandon.
BRANNAMAN, FRANCES.....	Seymour.
BROWN, JOHN WILLIAM	Irvington.
BROWN, ERNEST THOMAS	Wanamaker.
CARLON, FRED.....	Indianapolis.
CHILDS, CLARA	Seymour.
CROSSLAND, HARRY	Acton.

DRINKUT, MARGARET.....	Indianapolis.
FLINT, ADORA ELIZABETH.....	Chicago, Ill.
GRAUEL, JULIUS	Indianapolis.
GREEN, LORIN ARTHUR	Indianapolis.
GRIFFIS, JAMES RUSSELL.....	Union City.
GROVE, CLAUDE ERNEST	Indianapolis.
HELSEK, RAYMOND BRANT.....	Hilliards, O.
HUTCHINSON, CLARK SAMPSON	Acton.
JACKSON, CARRIE	New Palestine.
JOHNSTON, JESSE HOLMAN.....	Pendleton.
JONES, JAMES GARFIELD	Indianapolis.
KIMBERLIN, ROBERT	Fisher's Switch.
KNABE, AUGUSTA.....	Indianapolis.
KUBOTA, SEINERO.....	Tokio, Japan.
LOCKHART, JESSE ELIZABETH.....	Indianapolis.
LYBRAND, WALTER ARCHIBALD.....	Terre Haute.
MATHENY, JAMES MITCHELL.....	Indianapolis.
MAYS, CLARA BELL.....	Indianapolis.
McKNOWLES, ARTHUR.....	Irvington.
MEHRING, ORVAL EDMUND.....	Indianapolis.
MORRIS, WILLIAM BURR	Shoals.
O'HARE, CLARA.....	Indianapolis.
RANDALL, LENA.....	Oneida, N. Y.
SHIMER, WILLIAM.....	Wanamaker.
SIMMS, JAMES NELSON	Indianapolis.
SPICKLEMIERE, CORINNE.....	Indianapolis.
TEVIS, CHARLES VIRGIL.....	Indianapolis.
UNDERWOOD, CHARLES EUGENE.....	Marion.
WOOD, HARRY.....	Fairmount.

THIRD PREPARATORY.

BLACK, BRUCE VINCENT.....	Indianapolis.
DAVIDSON, MARY RUTH.....	Brownsburg.
DYER, CHARLES BARTON	Irvington.
HADLEY, HARVEY.....	Indianapolis.
HEINRICHS, HENRY.....	Cumberland.
HELMING, HERMAN.....	Indianapolis.
HUNTER, SCOT.....	Irvington.

KERN, GEORGE TILDEN.....	Hebron.
LAYMAN, BELLE.....	Irvington.
LINGEMAN, JESSIE ALICE.....	Brownsburg.
POWELL, SARA CHARLOTTE	Irvington.
SUMMERS, HERBERT EARL.....	Irvington.
THRASHER, RAYMOND.....	Irvington.
THURSTON, HARRISON SYLVANUS.....	Summitville.
VERNIER, CHESTER GARFIELD.....	Liberty.
WATERS, ARTHUR.....	North Salem.
WEEK, EDMUND RICHARD, JR.....	Alexandria.
WHEATCRAFT, BRADFORD TODD.....	Greenwood.

SECOND PREPARATORY.

ALEXANDER, ARTHUR GILES.....	Lebanon.
BUCHANAN, MERCY	Indianapolis.
BUCHANAN, WALTER	Lebanon.
CANTRELL, DORA	Irvington.
CASH, ASHLEY BURR.....	Pennville.
COYNER, DONNA	Clark's Hill.
GRAHAM, LEMUEL HUNT.....	Ridgeville.
GRIFFITH, EDITH CARRIE	Irvington.
GRIST, MINNIE	Greenfield.
HARLAN, HORACE	Indianapolis.
HUMMEL, OREN.....	Alexandria.
HUNTER, CLARA ESTELLE.....	Irvington.
KILLIE, GUY EDWARD.....	Indianapolis.
MARTIN, MAUDE	Jamestown.
MCDOWELL, OTHO EARL	Bunker Hill.
MOORE, CHARLES ROBERT.....	Irvington.
ROOKER, SUSANNYCE.....	Noblesville.
SELLERS, CHARLES ARTHUR	Montpelier.
SHERIDAN, AARON	Indianapolis.
STERNE, NATHAN	Indianapolis.
STRICKLAND, CLARENCE RAYMOND.....	Greenfield.
VARNER, ROBERT DICKSON	Mortimer, Ill.
WISE, JAMES GARFIELD	New Berlin, O.

FIRST PREPARATORY.

BROWN, ERNEST GARNER.....	Waynetown.
BURTON, HENRY	Zenas.
BUTLER, ALICE.....	Irvington.
BUTLER, CARRIE HANNAH.....	Irvington.
CARRIGER, CHARLES EDWARD.....	Indianapolis.
COMPTON, MELVIL	Brazil.
DILTS, THOMAS BAIRD.....	Reading, Pa.
GATES, ROLLIE HOWARD.....	Lebanon.
GEISEL, ALBERT HENRY.....	Indianapolis.
GELMAN, CARL.....	Indianapolis.
HOLLINGSWORTH, ROBERT.....	Plainfield.
HOLMES, OSCAR FRANKLIN.....	Ashersville.
KRAMER, HARRY EDWARD.....	Indianapolis.
KUHN, BESSIE.....	Irvington.
KUHN, EMERY ELLSWORTH.....	Warrington
LAYMAN, KATHERINE.....	Irvington.
LEMAR, BERT ELMER.....	Needham.
MCDONALD, ORALD.....	Fairland.
MARKHAM, BERT ALVIN.....	Wakarusa.
REYNOLDS, MARGUERITE CORNELIA.....	Irvington.
RICE, WILLIAM LOW.....	Indianapolis.
RICHEY, SAMUEL HUNTER.....	Irvington.
ROE, SAMUEL WALTER.....	Boggstown.
SCHUH, CHARLES JULIUS.....	Philadelphia.
TOMLINSON, ROBERT.....	Fairland.
WHITE, JOSEPH ALBERT.....	Bengal.
WHITE, JOHN ELMER.....	Bengal.
YAGER, MARY.....	Kokomo.

SUMMARY.

Graduates.....	7
Seniors.....	15
Juniors.....	19
Sophomores	26
Freshmen	38
Special.....	42
Preparatory	69
Total.....	216

BUTLER ALUMNI ASSOCIATION.

President, C. E. Thornton, '78, Indianapolis.
Vice-President, Romaine Braden, '90, Irvington.
Secretary, Jessie Lanier Brown, '97, Irvington.
Treasurer, W. G. Irwin, '89, Columbus.

If any friend finds errors in the entry of name, occupation or address of any alumnus as given below he will confer a favor by reporting the correct information to the President or Secretary of the Association.

CLASS OF 1856.

Philip Burns, A. B., Minister (Died Oct. 16, 1857), Port Sarnia, Can
Nancy E. Burns, B. S. (M. S., 1859), Mrs. A. M.
Atkinson Wabash.
John Kimmons, A. B. (A. M., 1859), Minister.... Missouri.

CLASS OF 1857.

T. C. Elliott, B. S..... Iowa.
W. G. Hastings, B. S. Missouri.

CLASS OF 1858.

Cyrus Nerva Blount, A. B. (A. M., 1861), (M. D.,
Jefferson Medical College), (Died Dec. 28,
1887), Physician..... Kokomo.
Ora Knowlton, B. S., Farmer..... New Brunswick.
W. S. Major, A. B. (A. M., 1861), Journalist..... Chicago.
Jesse Walden, A. B. (A. M., 1861), Minister..... Lancaster, Ky.

CLASS OF 1859.

- I. N. Binford, B. S., Lawyer (Died March 10, 1890). Indianapolis.
 Eli V. Blount, A. B., Lawyer (Died Oct. 29, 1859). Tipton.
 Barzillai M. Blount, A. B. (A. M., 1862), Minister. Irvington.
 Ovid D. Butler, A. B. (A. M., 1862), Lawyer, The
 Blacherne Indianapolis.
 Aaron D. Goodwin, A. B. (A. M., 1862), Teacher
 (Died 1892). Salina, Kan.
 Perry Hall, A. B. (A. M., 1862), Minister (Died in
 service as Chaplain, October 27, 1862). Indianapolis.
 Levi Hanson, A. B. (A. M., 1862), Teacher. Missouri.
 Jacob T. Lockhart, A. B. (A. M., 1862), (Deceased). Spokane, Wash.
 Estel R. Moffet, B. S., Lawyer (Deceased). Rushville.
 A. M. Mothershead, B. S. (With Waller & Co., cor.
 Randolph and La Salle Sts.). Chicago, Ill.

CLASS OF 1860.

- John P. Avery, B. S., M. D., 849 N. East St. Indianapolis.
 George Carter, B. S., Lawyer, 114 W. Eleventh St. Indianapolis.
 John A. Campbell, A. B. (A. M., 1863), M. D. Steamboat
 Springs, Colo.
 Friend C. Goodwin, A. B., Teacher (Died April 16,
 1861) Indianapolis.
 Andrew M. Goodbar, B. S., Lawyer (Deceased). Greencastle.
 Ross Guffin, A. B. (A. M., 1863), LL. B., Harvard,
 '61), Lawyer Kansas City, Mo.
 Thomas R. Lawhead, B. S., Lawyer Plainfield.
 William W. Leathers, A. B. (A. M., 1863), Lawyer
 (Died in 1875). Indianapolis.
 William Nimon Pickerell, A. B. (A. M., 1863), Law-
 yer, 1718 Ash St. Indianapolis.
 Isaac N. Porch, A. B. (A. M., 1863), Minister (Died
 in 1885). Bloomington.
 Irvin Robbins, A. B. (A. M., 1863), Manufacturer,
 12 W. North St. Indianapolis.
 John M. Snoddy, A. B. (A. M., 1863), M. D., Phy-
 sician (Died September 20, 1890). Mooresville.

- Lydia E. Short, B. S. (M. S., 1861) (Mrs. James
 Braden)Irvington.
 Abram D. Williams, A. B. (A. M. 1863), M. D.,
 Oculist and Aurist, 1407 Olive St.....St. Louis, Mo.

CLASS OF 1861.

- W. W. Daugherty, B. S., Captain (Retired) U. S.
 A., 133 W. Nineteenth St.....Indianapolis.
 Charles F. Lockwood, A. B. (A. M., 1864), Mer-
 chant, 211-13 Wabash AveChicago, Ill.
 P. J. Squier, A. B. (killed at Shiloh, April 6, 1862). Hall's Corners.
 Geo. W. Spahr, B. S., Lawyer, 1716 Ash StIndianapolis.

CLASS OF 1862.

- William H. Brevoort, A. B. (A. M., 1865), Farmer. Vincennes.
 C. Eliza Brown, B. S. (M. S., 1865), (Mrs. W. H.
 Wiley).....Terre Haute.
 James A. Bruce, B. S., Florist (Died Dec. 13, 1893). Indianapolis.
 Demia Butler, A. B. (A. M., 1865), (Mrs. George
 E. Townley), (Died October 26, 1867)Indianapolis.
 Michael R. Buttz, A. B. (A. M., 1865), Lawyer
 (Deceased).....Liberty, Ill.
 Austin F. Denny, A. B. (A. M., 1865, LL. B.,
 Harvard, 1868), 1609 N. Delaware St.....Indianapolis.
 Addison C. Harris, B. S., LL. B., U. S. Minister
 to AustriaVienna, Austria.
 Alvin I. Hobbs, A. B. (A. M., 1865, LL. D., 1885),
 Professor Theology Drake University (Died
 May, 1894).....Des Moines, Iowa.
 John T. Jackson, A. B. (A. M., 1865), (Died 1866). Indianapolis.

CLASS OF 1863.

- H. C. Guffin, A. B. (A. M., 1866)Indianapolis.

CLASS OF 1864.

- Wickliffe A. Cotton, A. B. (A. M., 1867), Lawyer..De Witt, Iowa.
 Alexander C. Easter, A. B. (A. M., 1867), Farmer.Burlingame, Kan.
 John B. Easter, A. B. (A. M., 1867), Minister
 (Died Dec. 12, 1885).....Kansas.
 David M. Hillis, A. B. (A. M., 1867), Lawyer, 3341
 Prairie Ave.... ..Chicago, Ill.
 William H. Wiley, A. B. (A. M., 1867), Superin-
 tendent SchoolsTerre Haute.

CLASS OF 1865.

- Edward L. Brevoort, A. B. (A. M., 1868), Farmer,
 (Died March 12, 1882).....Walesborough.
 John S. Duncan, B. S. (LL. B., Harvard, 1867),
 Lawyer, 1312 N. Alabama St.....Indianapolis.
 James H. McCollough, A. B. (A. M., 1883), Min-
 isterIrvington, Cal.

CLASS OF 1866.

- Jacob B. Blount, A. B. (A. M., 1869), Minister...Mays.
 Henry H. Black, A. B. (A. M., 1869), Real Estate
 Agent.....Oklahoma City, O. T.
 Howard Cale, A. B. (A. M., 1869), Lawyer, 2011
 Ruckle StIndianapolis.
 Alfred Fairhurst, A. B. (A. M., 1869), Professor
 Natural Science, Kentucky University, 351
 North Broadway.....Lexington, Ky.
 Katharine E. Coffin, B. S. (M. S., 1869), (Mrs.
 Hiram Hadley).....Albuquerque, N. M.
 Alice E. Secrest, B. S. (M. S., 1869), (Mrs. G. W.
 Snider), 1015 N. Penn. StIndianapolis.

CLASS OF 1867.

- Albert T. Beck, A. B. (A. M., 1870), Lawyer (Died
 April 23, 1894)Indianapolis.
 Frank C. Cassel, B. S., Cashier of Bank.....Rossville.

Indiana Crago, B. S. (M. S., 1870), (Mrs. A. C. Harris)..... Vienna, Austria.
 John Denton, A. B. (A. M., 1870), Lawyer.....Salem, Ore.
 John H. Lewis, B. S., Editor.....Anderson.
 David Utter, B. S., Minister.....Salt Lake City.
 Benj. C. Wright, B. S., Lawyer, 3800 Central Ave..Indianapolis.
 Samuel Winfield, B. S., Merchant.....Chanute, Kan.

CLASS OF 1868.

Alex. C. Ayres, A. B. (A. M., 1871), Lawyer, 31 West Drive, Woodruff Place.....Indianapolis.
 Scot Butler, A. B. (A. M., 1872, LL. D., 1896), President Butler College.....Irvington.
 Barbara P. Blount, B. S. (M. S., 1871), (Mrs. F. C. Cassel).....Rossville.
 Alcinda T. Blount, B. S. (M. S., 1871), (Mrs. J. A. Canady).....Anderson.
 Samuel H. Dunlop, A. B. (A. M., 1871), New York City.....New York.
 Jos. W. Marsee, A. B. (A. M., 1871), M. D., Physician (Died December 3, 1898.).....Indianapolis.
 Mary M. Moore, B. S. (M. S., 1871), (Mrs. McConnell).....Oxford.
 Harry C. Ray, A. B. (A. M., 1871), Auditor Shelby Co., 66 N. Harrison St.....Shelbyville.
 Anna W. Scovel, B. S. (M. S., 1871), Mrs. Chauncey Butler) (Died December 3, 1894).....Indianapolis.
 Walter S. Smith, B. S. (M. S., 1882), Minister....Arlington.
 Edwin Taylor, A. B. (A. M. 1871), General Counsel E. & T. H. R. R., E. & I. R. R., and L. E. & St. L. R. R.....Evansville.
 Granville S. Wright, B. S., Lawyer, 3800 Central Ave.....Indianapolis.

CLASS OF 1869.

Chauncey Butler, A. B., Sec. Board of Directors, Butler College, 31 The Blacherne.....Indianapolis.
 Thomas J. Byers, A. B. (A. M., 1872), Merchant..Franklin.

John W. Tucker, A. B. (A. M., 1872), Lawyer.... Lynn, Mass.
 Lorenzo Tucker, A. B., Minister, (Deceased)..... Wabash.
 Henry Jameson, B. S. (M. D.), Dean Indiana Medical College, 416 N. Delaware St..... Indianapolis.
 John Moore, B. S. Indianapolis.
 Winfield S. Ray, B. S., Editor (Died April 3, 1897) Shelbyville.
 William P. Stanley, B. S. (LL. B., Indiana University), Farmer Arlington.

CLASS OF 1870.

Alonzo G. Alcott, A. B. (A. M., 1873), (Died Nov. 7, 1880)..... St. Paul, Minn.
 Austin Council, A. B., Minister (Died March 11, 1871) Mankato, Minn.
 John N. Boys, B. S., Merchant (Deceased) Steeles.
 Jennie Laughlin, A. B., Teacher and Missionary to Jamaica (Deceased)..... Indianapolis.
 Thomas Wilson Lockhart, A. B. (A. M., 1873), Lawyer..... Bakersfield, Cal.
 Daniel Boone Williams, A. B. (A. M., 1873), (M. D., Miami Medical College, 1874), (Died Nov. 5, 1876)..... Bedford.

CLASS OF 1871.

James M. Culbertson, B. S., Farmer..... Malott Park.
 John H. Hamilton, B. S., Minister (Died in 1873)..New Philadelphia.
 Benjamin F. Kinnick, A. B. (A. M., 1874), Farmer.Greenwood.
 Oscar F. Lane, A. B. (A. M., 1874), Minister.... Bainbridge.
 Edwin T. Lane, A. B. (A. M., 1874), Minister.... Bainbridge.
 James W. Lowber, A. B. (A. M., 1874), Sc. D., LL. D., 707 W. 7th St..... Austin, Tex.
 James W. Monroe, A. B. (A. M., 1874), Minister.. Modesto, Cal.
 Robert H. Myers, A. B. (A. M., 1871), Contractor, 2036 Cornell Ave. Indianapolis.
 John A. Roberts, B. S., Minister Irvington.

- Daniel L. Thomas, A. B. (A. M., 1874), (LL. B.,
Central Law School), Editor (Died Oct. 29,
1893)Rushville.
- John Q. Thomas, A. B. (A. M., 1874) (LL. B.,
Central Law School), LawyerRushville.
- J. Lafe Thornton, B. S.Sedalia, Mo.
- Samuel E. Young, A. B., LawyerCleveland, O.

CLASS OF 1872.

- Walter Raleigh Couch, A. B., MinisterFriendville, Ill.
- Walter S. Campbell, B. S., MinisterRushville.
- Nathan Ward Fitzgerald, A. B., Lawyer and Lec-
turer, 610 13th St., N. W.Washington, D. C.
- George Henry Gifford, A. B., LawyerTipton.
- William Irelan, A. B., MinisterEureka Sp'gs, Ark.
- Clementine Irelan, A. B.Eureka Sp'gs, Ark.
- Willard R. Lowe, A. B. (A. M., 1875), Minister,
1516 North StLogansport.
- Leander P. Mitchell, B. S. (LL. B., Indiana Uni-
versity), LawyerWashington, D. C.
- Curtis H. Remy, A. B., Lawyer, 215 Dearborn St. .Chicago, Ill.
- William H. Tiller, A. B., MinisterSparta, Ky.

CLASS OF 1873.

- Walter B. Fertig, A. B., LawyerNoblesville.
- James I. Hopkins, A. B., MinisterBenchley, Tex.
- Louis Newberger, A. B., Lawyer, 134 Commercial
Club BldgIndianapolis.
- Allen B. Thrasher, A. B. (A. M., 1875) (M. D.,
Medical College Ohio), Physician, 157 W.
9th St.Cincinnati, O.
- Walter S. Tingley, A. B. (A. M., 1886) (M. D.,
Medical College Indiana), Physician, 10 W.
5th St.Newport, Ky.

CLASS OF 1874.

Jeffrey O. Cutts, A. B., Minister.....Riverside, Cal.
 Thomas Smith Graves, A. B., Live Stock Broker,
 611 N. New Jersey St.....Indianapolis.
 Emmett S. Stillwell, A. B. Lawyer (Died May 23,
 1883).....Shelbyville.

CLASS OF 1875.

Henry C. Owens, B. S., Deceased.....Ohio.
 William T. Sellers, B. S., Book Dealer, 3449 Cap-
 itol Ave. N.....Indianapolis.
 Samuel J. Tomlinson, A. B., Minister.....Goshen.

CLASS OF 1876.

Robert Silas Blount, A. B. (A. M., 1879), Minister
 (Died Oct. 28, 1883).....Irvington.
 Charles H. Caton, A. B. (A. M., 1881), Minister.
 Englewood.....Chicago, Ill.
 Nannie T. Cunningham, B. S. (Died Sept., 1876)..Indianapolis.
 Mellie B. Ingels, A. B. (Mrs. John Julian).....Chicago, Ill.
 Alonzo Marion Lyster, A. B., Teacher (Died Sept.
 26, 1876).....Thorntown.
 Winfield Scott Moffett, A. B., Lawyer.....Irvington.
 John Rea Woodward, A. B. (A. M., 1879, LL. B.,
 Univ. of Virginia, 1878), Lawyer (Died June
 15, 1879).....New Castle.

CLASS OF 1877.

John T. Burton, B. S. (M. S., 1880), Real Estate,
 Loan and Insurance Agent.....Emporia, Kan.
 Willard W. Hubbard, B. S., Sec. Island Coal Co.,
 1002 N. Delaware St.....Indianapolis.
 Hicklin J. Landers, B. S.....Kansas City, Mo.
 William T. Mason, A. B., Lumber Merchant.....Asheville, N. C.

Lafayette H. Reynolds, B. S. (M. S., 1880), (LL. B., Central Law School, 1880), Lawyer (Died Oct., 1891).....Greenfield.
 Lewis Wallace, A. B., Lawyer, 1137 N. Meridian St. Indianapolis.

CLASS OF 1878.

Ernest R. Copeland, B. S., Physician.....Milwaukee, Wis.
 Katherine M. Graydon, A. B. (A. M., Indiana Univ., 1883), Graduate Student University of Chicago.....Chicago, Ill.
 Oliver Romeo Johnson, Ph. B., Agent North Shore Dispatch, 24 The VictoriaIndianapolis.
 Albert Bayard Kirkpatrick, B. S. (LL. B., Central Law School, 1880), LawyerKokomo.
 Bizanna O'Connor, A. B. (Sister Ariana), Teacher Emmetsburg, Md.
 Charles E. Thornton, A. B., President Indiana Society for Savings, 1216 Broadway ... Indianapolis.

CLASS OF 1879.

Albert F. Armstrong, A. B. (A. M., 1880), Superintendent City Schools.....Windom, Minn.
 Alembert W. Brayton, B. S. (M. S., 1880), M. D., Physician, 2113 Broadway.....Indianapolis.
 Demarchus C. Brown, A. B. (A. M., 1880), Greek Chair, Butler College.....Irvington.
 Joseph A. Brown, A. B. (LL. B., Iowa State Univ.), Lawyer.....Pontiac, Ill.
 Miles L. Clifford, A. B., LL. B., Lawyer.....Tacoma, Wash.
 Vincent G. Clifford, Ph. B., LL. B., Lawyer, 1226 Bellefontaine St.....Indianapolis.
 Charles H. Gilbert, B. S. (M. S., Indiana Univ., 1882; Ph. D., Indiana Univ., 1883), Professor Leland Stanford, Jr., University.....Palo Alto, Cal.
 Clarinda C. Harriman, A. B. (Mrs. L. A. Pier) ... Watsonville, Cal.
 M. Belle Hopkins, A. B. (Mrs. P. O. Updegraffe), TeacherCanton, Mo.

- Joseph B. Kealing, Ph. B., Lawyer, 1420 N. Alabama St. Indianapolis.
- Eugene G. Kreider, A. B., LL. B., Lawyer, Clerk Supreme Court..... Olympia, Wash.
- Edmund G. Laughlin, A. B., Minister..... Cleveland, Ohio.
- Albert B. Lewis, A. B. (A. M., 1882) (M. D., Indiana Medical College), Physician..... Hamilton, Kan.
- William J. Lhamon, A. B. (A. M., 1880), Minister Allegheny, Pa.
- Neal S. McCallum, A. B. (A. M., 1882), Minister.. Irvington.
- Janet D. Moores, A. B., 1960 N. Penn. St..... Indianapolis.
- Josephus Peaseley, A. B., Supt. Public Schools.. Iowa Falls, Iowa.
- Horace E. Smith, A. B. (A. M., 1882) (LL. B., Harvard), Lawyer, 1020 N. Penn. St. Indianapolis.
- James A. Young, A. B. (A. M., 1880), Manager New York Life Insurance Co. (Died Nov. 9, 1896) Toledo, Ohio.

CLASS OF 1880.

- William Alexander Black, Ph. B., Attorney and Broker City of Mexico, Mex.
- Clarence Boyle, B. S., Lumber Merchant Chicago, Ill.
- Hilton Ultimous Brown, A. B. (A. M., 1882), City Editor Indianapolis News Irvington.
- Mary Ida Bunker, A. B., Principal of High School Mechanicsburg, O.
- James B. Curtis, A. B. (A. M., 1881), Lawyer, 1132 N. Penn. St..... Indianapolis.
- William F. Elliott, A. B., Lawyer, 2033 N. Ala. St. Indianapolis.
- Flora Frazier, Ph. B. (Mrs. P. M. Dill), 2016 Park Ave. Indianapolis.
- Thomas W. Grafton, A. B. (A. M., 1883), Minister Rock Island, Ill.
- Letitia B. Laughlin, B. S., M. D., Physician (Died 1896) Warren, O.
- Emma C. Swain, Ph. B. (Mrs. Arthur N. Dwyer), 1821 N. Penn. St..... Indianapolis.

Minnie Tresslar, Ph. B. (Ph. M., 1882), Teacher
in High School, 1023 West Fourth St.....Marion.
Walter O. Williams, Ph. B. (with E. C. Atkins &
Co.), 1808 Talbott Ave.....Indianapolis.

CLASS OF 1881.

Levi P. Ayres, B. S., Farmer, Michigan Ave.....Indianapolis.
Mary E. Couse, B. S. (Mrs. O. P. Gould), (Died
1892)Winona, Minn.
Edward W. Darst, A. B., Minister, 5622 Jeffer-
son Ave.....Chicago, Ill.
Walter M. Floyd, A. B. (LL. B., Central Law
School, 1882), Lawyer (Died August 26, 1882)..St. Paul.
W. Henry Grove, Ph. B., Lawyer.....Glasgow, Ky.
Lora C. Hoss, A. B., Farmer.....Kokomo.
Colin E. King, A. B., Lawyer.....New York City.
James M. Leathers, Judge Superior Court, 2007
N. Alabama St.....Indianapolis.
Solomon Metzler, A. B. (A. M., 1884), Teacher and
Minister.....Wauseon, O.
Louis Morgan, A. B. (A. M., 1885), Dealer in Coal
and Lime.....Indianapolis.
Minnie Olcott, A. B. (Mrs. M. Raymond Williams).Irvington.
Lizzie G. Smith, Ph. B. (Mrs. Isaac N. Harlan),
619 E. Pratt St.....Indianapolis.
Silas A. Wurtz, A. B., Minister (Died 1893).....Ohio.

CLASS OF 1882.

Claud Harrison Everest, A. B., Farmer.....Hutchinson, Kan.
Tade Hartsuff, Ph. B. (Mrs. J. B. Kuhns).....Dunlo, Pa.
Burgess L. McElroy, A. B., Congressional Post-
master.....Washington, D. C.
Lewis A. Pier, A. B. (A. M., 1892), Minister.....Watsonville, Cal.
May Louise Shipp, Ph. B., 1010 N. Delaware St. Indianapolis.
Marcellus J. Thompson, A. B. (A. M., University
of Michigan), Professor of Physics, University
of Missouri (Died December 17, 1890).....Columbia, Mo.

CLASS OF 1883.

- Robert L. Dorsey, A. B., Tucker & Dorsey, Manufacturers, 1409 Central Ave Indianapolis.
- Jean H. Everest, A. B. (A. M., 1884), Lawyer..Oklahoma City, Okla.
- Revillo P. Haldeman, Ph. B., Loan Agent.....Springfield, Mo.
- Margaret A. Husted, Ph. B., Ph. M., 68 Middle Drive, Woodruff Place Indianapolis.
- Thomas M. Iden, Ph. B. (Ph. M., 1886), Chair of Chemistry and Physics, State Normal Emporia, Kan.
- Carey E. Morgan, A. B. (A. M., 1885), Minister, 2000 Portland Ave.....Minneapolis, Minn.
- Martin A. Morrison, A. B. (LL. B., University of Virginia, 1886), Lawyer Frankfort.
- Milton O. Naramore, A. B. (A. M., 1886), LL. B., Lawyer, Secretary The Kent Law School, 902 Woman's Temple.....Chicago, Ill.
- Cora M. Smith, A. B. (A. M., 1888).....Irvington.

CLASS OF 1884.

- Lewis Clark Breeden, A. B., Editor.....Lewiston, Ill.
- Sherman Town Burgess, A. B., Real Estate Agt..Scott, Kan.
- Albert Munson Chamberlain, A. B. (A. M., 1885), Minister.....Alliance, O.
- Ella May Dailey, Ph. B. (Mrs. C. E. Morgan), 2000 Portland Ave.....Minneapolis, Minn.
- Lot Dickson Guffin, A. B., Lawyer, Counsel for D. M. Parry & Co. Indianapolis.
- Frances Ellen Husted, A. B. (Mrs. W. H. Barr), 68 Middle Drive, Woodruff Place Indianapolis.
- Grace Giddings Julian, Ph. B. (Ph. M., 1885) (Mrs. C. B. Clarke)Irvington.
- William Wallace Knapp, Ph. B. (Ph. M., 1887) Abstracter of Titles.....Irvington.
- John Bugher Kuhns, A. B., Merchant.....Dunlo, Pa.
- Mary Lucinda Laughlin, Ph. B., Music Teacher..Cleveland, O.
- Mattie McClure, A. B., Trained NurseNew York City.
- John McKee, A. B., Minister.....Kellogg, Iowa.

Elmer Isaac Phillips, B. S., LawyerNew Castle, Pa.
 Robert Sellers, A. B., MinisterAshtabula, Ohio.
 James Henry O. Smith, A. B., Minister, 908 Adams St.....Chicago, Ill.
 William Clement Smith, B. S. (M. S., 1888), Civil Engineer.....Indianapolis.
 John Francis Stone, B. S. (M. S., 1885, Ph. M., 1893), Lawyer.....Guthrie, Okla.
 Mattie Wade, Ph. B. (Ph. M., 1885) (Mrs. W. B. Parks).....Thorp's Springs, Tex.

CLASS OF 1885.

Richard F. Bigger, Ph. B., M. D., Physician, 204 N. Alabama St.....Indianapolis.
 Arthur V. Brown, Ph. B., Lawyer, 545 N. Meridian St.....Indianapolis.
 Edmund H. Hinshaw, A. B., Lawyer, Prosecuting Attorney Jefferson Co.....Fairbury, Neb.
 John Arthur Kautz, A. B. (A. M., 1886), Editor Gazette-Tribune.....Kokomo.
 Charles A. Marsteller, Ph. B., Broker.....Lafayette.
 Lauretta E. Morgan, Ph. B. (Mrs. Robert Sellers). Ashtabula, Ohio.
 Electa Murry, Ph. B. (Mrs. O. M. Pruitt), 1936 Ash St.....Indianapolis.
 Dora A. Pendleton, Ph. B. (Ph. M., 1886) (Mrs. C. C. Riley).....Cincinnati, Ohio.
 Fannie M. Phillips, B. S. (Mrs. J. F. Stone).....Guthrie, Okla.
 Oran M. Pruitt, A. B. (A. M., 1886), Sec. Indiana Lumber and Veneer Co., 1936 Ash St.....Indianapolis.

CLASS OF 1886.

Ida May Findley, A. B.....Irvington.
 John Paul Findley, A. B., Minister.....Irvington.
 Robert A. Gilcrest, A. B. (A. M. 1888), Professor of Philosophy and Assistant Professor Sacred Literature, Eureka College.....Eureka, Ill.
 Juliet Holland, Ph. B. (Mrs. — Donahue).....Washington, D. C.

Thomas Underwood Raymond, A. B. (A. M., 1890),
 Captain and Assistant Surgeon U. S. Army.
 War Department Washington, D. C.
 Myrtella Sewall, Ph. B. (Mrs. N. B. Whitsel).....Ft. Wayne, Ind.
 Corinne T. Thrasher, Ph. B. (Mrs. O. O. Carvin)..Irvington.

CLASS OF 1887.

Dora Grace Blount, Ph. B., Teacher.....Irvington.
 Lawson A. Coble, A. B., Minister.....Oakland City.
 Erastus S. Conner, A. B., MinisterIrvington.
 Benjamin F. Daily, A. B. (A. M., 1892; Ph. D.,
 1894; B. D., Yale University, 1896), Minister..Somerset, Pa.
 Emmett W. Gans, Ph. B. (with Aultman, Taylor
 & Co.).....Mansfield, Ohio.
 Jane Graydon, A. B., Teacher, 1514 Central Ave..Indianapolis.
 F. Rollin Kautz, A. B. (A. M., 1889), (with Bowen-
 Merrill Co.).....Irvington.
 James S. McCallum, A. B., Minister.....Olympia, Wash.
 Gertrude A. Mahorney, Ph. B. (Ph. M., 1889),
 Teacher of German, Indianapolis Public
 Schools.....Indianapolis.
 Martha O. Murry, Ph. B. (Mrs. E. W. Hoover),
 (Died June 30, 1896.).....Indianapolis.
 John A. Reller, A. B., Minister.....Elberfeld.
 Arthur W. Shoemaker, Ph. B., Minister.....Daleville.
 Sallie B. Thrasher, B. S. (Mrs. A. J. Brown) ...Grand Rapids, Mich.
 Henry M. Toner, B. S., M. D., Physician.....Shelbyville.
 Fred M. Wade, B. S.....Manchester, Ia.
 Omar Wilson, A. B., Teacher.....Irvington.
 Elias P. Wisè, A. B. Minister.....Irvington.

CLASS OF 1888.

William Wilson Buchanan, A. B. (with Bowen-
 Merrill Co.), 2102 N. Delaware St.....Indianapolis.
 George Harris Clarke, B. S., Minister.....Williamsport.
 John Deem Fall, B. S., Druggist.....Cleveland, O.

- Elton Andrew Gongwer, A. B., Lawyer, 2588
BroadwayCleveland, O.
- Kate Blanche Hadley, Ph. B. (Mrs. W. W. Buchanan), 2102 N. Delaware St.....Indianapolis.
- Archibald McClelland Hall, A. B. (A. M., 1889;
Ph. D., 1892; B. D., Yale University, 1897),
Minister.....New Haven, Conn.
- Oscar Clemens Helming, Ph. B., Minister, 515
Kearney St.Atchison, Kan.
- William Clarence McCullough, A. B. (A. M.,
Univ. Mich., '90), Supt. Public Schools.....Sullivan.
- Frank Hamilton Marshall, A. B. (A. M., 1891),
MissionaryTokyo, Japan.
- Hugh Thomas Miller, A. B., Prof. of History and
French, Butler College.....Irvington.
- Louis Jackson Morgan, Ph. B. (LL. B., Yale), At-
torney at Law, 1136 N. New Jersey St.....Indianapolis.
- John Campbell Morrison, A. B., Law Student,
1607 Hall Place.....Indianapolis.
- William Mullendore, A. B., Minister.....Terre Haute.
- James Buchanan Percy, Ph. B., Principal High
SchoolAnderson.
- Mary Paddock, A. B.Tacoma, Wash.
- George Washington Redmon, Jr., Ph. B., M. D.
(Died Nov. 30, 1894).....Paris, Ill.
- James Challen Smith, A. B. (A. M., 1895), Minis-
terAlexandria.

CLASS OF 1889.

- Jennie E. Armstrong, A. B. (A. B., Radcliffe Col-
lege, 1898), (Mrs. T. C. Howe), 28 Gorham St..Cambridge, Mass.
- Perry H. Clifford, Ph. B. (with Hide, Leather
and Belting Co.), 33 The BlacherneIndianapolis.
- Trousseau Dailey, Ph. B. (Died Aug. 15, 1894)....Indianapolis.
- H. Edwin Frazier, B. S., Treas. Indiana Car and
Foundry Co., 2415 College Ave.Indianapolis.
- William H. Graffis, Ph. B., JournalistTerre Haute.

- Thomas C. Howe, A. B. (A. M., 1892; A. M.,
Harvard, 1897), Prof. Germanic Languages,
Butler College; Student Germanic Philology,
Harvard University; 28 Gorham St..... Cambridge, Mass.
- Genevra Hill, Ph. B. (Mrs. Kirkman)..... Richmond.
- William G. Irwin, B. S., Banker..... Columbus.
- Mark A. LeMiller, Ph. B..... Hutchinson, Kan.
- John J. Mahorney, Ph. B., Surveyor (Died July
14, 1892)..... Irvington.
- Urban C. Mallon, Ph. B., Merchant..... Francesville.
- Joseph R. Morgan, Ph. B. (M. L., Yale), Attorney
at Law, 1136 N. New Jersey St..... Indianapolis.
- William F. Ross, A. B. (A. M., Indiana Univ.;
M. D., Barnes Medical College, St. Louis),
Physician and Minister..... Champaign, Ill.
- Flora Shank, Ph. B., State Sec. Y. W. C. A..... Irvington.
- Clara L. Shank, A. B. (A. M., 1891), Teacher..... Irvington.

CLASS OF 1890.

- Romaine Braden, A. B., Teacher..... Kokomo.
- Benjamin Marshall Davis, B. S. (M. S., 1892), Pro-
fessor of Biology, State Normal..... Los Angeles, Cal.
- John Frank Findlay, A. B., Graduate Student Uni-
versity of Chicago..... Chicago, Ill.
- Charles M. Fillmore, A. B., Minister..... Peru.
- Otis Webster Green, B. S. (with Indianapolis Drug
Co.), 2116 Central Ave..... Indianapolis.
- Julia Moores Graydon, A. B. (Mrs. Alexander
Jameson), 1514 Central Ave..... Indianapolis.
- J. Newton Jessup, A. B., Minister..... Vincennes.
- Henry Thomas Mann, B. S., Farmer..... Gilman, Ill.
- Indiana Louisiana Martz, A. B., Teacher..... Kokomo.
- Tace Clara Belle Meeker, A. B. (Mrs. Charles
Stearnes), Sheridan Drive..... Chicago, Ill.
- Frank D. Muse, A. B., Minister..... Martinsville.
- John D. Nichols, A. B. (A. M., 1892; M. D., Ind.
Med. College), Physician, 1005 Broadway Indianapolis.

Laz Noble, A. B., With Marion Trust Co.	Indianapolis.
Henry Stewart Schell, A. B. (A. M., 1891), Student State Normal	Terre Haute.
Alexander Campbell Smither, A. B., Minister	Los Angeles, Cal.
Augusta L. Stevenson, A. B., Teacher	Irvington.
Vida C. Tibbott, A. B. (A. M., 1892), Teacher	Irvington.
T. H. Kuhn (A. B., Wabash), A. M. (Ph. D., 1893), Minister	Greenfield.

CLASS OF 1891.

Georgia E. Butler, A. B. (Mrs. Perry H. Clifford), 33 The Blacherne	Indianapolis.
Mary I. Brouse, A. B., Teacher	Irvington.
Robert P. Collins, A. B., Business	Berlin, Pa.
Mark Collins, A. B., Minister	Chester, England.
Eugene J. Davis, A. B. (A. M., 1894; M. D., Ind. Med. College), Physician, 1541 College Ave ...	Indianapolis.
Charles L. DeHaas, A. B., Lawyer, Lemcke Bldg. .	Indianapolis.
William P. Hay, B. S. (M. S. 1892), Head of Science Dept., High School	Washington, D. C.
Robert Hall, A. B. (A. M., 1893; Ph. D., 1895; B. D., Harvard, 1897), Teacher	Irvington.
Eva M. Jeffries, A. B., Student of Music	Irvington.
Elizabeth D. Layman, A. B. (Mrs. H. S. Schell) ..	Terre Haute.
W. G. McColley, A. B., Minister	Olney, Ill.
H. W. McKane, A. B., Student, Bellevue Med. College	New York.
Perry T. Martin, A. B., Minister	Brazil.
Emerson W. Matthews, A. B., Professor-elect of Greek and Latin, Eureka College	Eureka, Ill.
Jesse H. Mavity, A. B., Secretary Tin Plate Co. .	Atlanta.
Ray D. Meeker, B. S., Lawyer	Sullivan, Ill.
Grace L. Murray, A. B., Teacher	Riverside, Cal.
Frances M. Perry, A. B. (A. M., 1894), Teacher, 1017 Park Ave	Indianapolis.
Luther E. Sellers, A. B., Minister	Emporia, Kan.

CLASS OF 1892.

- Bowen C. Howell, A. B. (M. D., College of Physicians and Surgeons, Chicago), Examining Physician Insane HospitalKankakee, Ill.
- John M. Brevoort, A. B., Farmer.....Vincennes.
- Reed Carr, A. B., Merchant (Died March 20, 1899).Leipsig.
- William F. Clarke, A. B. (A. M., 1894; Ph. D., 1896), Principal Public Schools.....Clinton.
- Robert Franklin Davidson, A. B. (A. M., 1892; LL. B., Indiana Law School, 1896), Lawyer, Lemcke Bldg.....Indianapolis.
- Thomas Aaron Hall, A. B. (A. M., 1893), Minister..Oxford.
- Gertrude Johnson, A. B. (Mrs. Otis Greene), 2116 Central Ave.....Indianapolis.
- W. Frank Lacy, A. B., Grain Merchant.....Noblesville.
- Alfred Lauter, A. B., Cabinet Maker, 608 E. 13th St.....Indianapolis.
- Lectania May Newcomb, A. B., Teacher, 832 N. East St.....Indianapolis.
- Samuel H. Shank, A. B., Deputy Clerk Superior CourtIrvington.
- William Snodgrass, A. B., Farmer.....Cyclone.
- Bertha Thormyer, A. B., Acting Professor of German, Butler College.....Irvington.
- Avery A. Williams, A. B. (Died January 17, 1894)..Wabash.
- De Motte Wilson, A. B., Teacher.....Irvington.

CLASS OF 1893.

- Stella Braden, A. B., TeacherIrvington.
- Jesse Lincoln Brady, A. B., Grain Dealer.....Remington.
- Harry Seymour Brown, B. S. (LL. B., Indiana Law School, 1896), Lawyer, Cor. N. Y. St. and Eastern Ave.....Indianapolis.
- Evelyn Mitchell Butler, A. B., Instructor, Butler Preparatory School.....Irvington.
- Edward Harry Clifford, A. B., Freight Clerk L. E. & W. R. R., 816 N. West St.....Indianapolis.

Julia Fish, A. B., 36 The Blacherne.....	Indianapolis.
Will David Howe, A. B. (A. M., Harvard, 1897), Graduate Student Harvard University, 28 Gor- ham St.....	Cambridge, Mass.
Frank F. Hummel, B. S., State Agent McMillan & Co.....	Kokomo.
Lona Louise Iden, A. B. (Mrs. W. F. Lacy).....	Noblesville.
Daniel Wonderlich Layman, B. S. (M. D., 1898), St. Vincent's Hospital.....	New York.
John Minnick, B. S., Teacher.....	Washington, D. C.
Mary Eola Thomas, A. B.....	Riverside, Cal.
Luther Addison Thompson, B. S., Teacher.....	Acton.
Bertha Belle Ward, A. B., Stenographer, 721 N. New Jersey St.	Indianapolis.
Frank Ford Williams, B. S., Deputy County Auditor	Wabash.

CLASS OF 1894.

Charles Elsworth Baker, A. B., Journalist.....	Sedalia, Mo.
John Wilbert Barnett, A. B. (A. M., 1895), (Ph. D., 1897), Minister, 228 Dechler Ave.....	Columbus, Ohio.
Edwin Wallace Brickert, A. B., Minister	Boise City, Idaho.
George Green Bruer, A. B. (A. M., 1895), Supt. Public Schools.....	Russiaville.
Rose Elliott, A. B., Teacher, 1646 Cornell Ave....	Indianapolis.
Mary Bemis Galvin, A. B., City Sec. Y. W. C. A..	Schenectady, N. Y.
Clara Mae Goe, A. B., Student Indianapolis Normal School.....	Irvington.
George Elmer Hicks, A. B. (A. M., 1895), Min- ister	Macy.
Emma Claire Johnson, A. B.....	Irvington.
Isabella Aurelia Moore, A. B.	Wanamaker.
Ora May Murray, A. B.....	Olathe, Kan.
Charles Albert Riley, A. B. (A. M., 1895; Ph. D., 1897), Minister.....	Fairmount.
Charles Augustus Stevens, A. B. (A. M., 1895; Ph. D., 1897), Minister.....	Trinidad, Colo.

Anna Charlotte Stover, A. B. (A. M., 1895), Sec.

Y. W. C. A. Williamsport, Pa.

Edith Daisy Surbey, A. B., Teacher, 609 E.

South St. Indianapolis.

Myrtle Van Sickle, A. B., Stenographer.....Fenton.

CLASS OF 1895.

Mary Edna Arnold, (A. B., University of Ill.), A.

M., Ph. D., 1896 (Died Jan. 2, 1898).....Souders, Ill.

May Brayton, A. B., 2113 Broadway.....Indianapolis.

Nelson Dewey Brayton, A. B., Student Bellevue

Medical College, N. Y., 2113 Broadway,Indianapolis.

Harriet Nell Brevoort, A. B.....Columbus.

Edward Augustus Brown, A. B. (M. D., Ind.

Medical, 1898), PhysicianIndianapolis.

Edgar Thomas Forsyth, A. B., Teacher.....Irvington.

Georgia Noble Galvin, A. B.....Irvington.

Eva Lou Goodykoontz, A. B., 539 Tremont Ave..Indianapolis.

Dora Greene, A. B., TeacherPlainfield.

Dora Collins Hadley, A. B. (Mrs. E. H. Clifford),

816 N. West StIndianapolis.

Harry Leonard Henderson, A. B., Chaplain Prison

NorthMichigan City.

George Wilson Hoke, A. B., TeacherWabash.

Arthur Albert Johnson, A. B., Civil Engineer, 512

Monroe St.....Topeka, Kan.

Mary Louisa Lepper, A. B., TeacherMt. Carroll, Ill.

Laura Mace, A. B. (M. D., Ind. Medical, 1898),

Physician, Eastern Hospital for InsaneRichmond.

Rose MacNeal, A. B. (Ph. M., Univ. of Chicago,

1897), TeacherIndianapolis.

Bertha Negley, A. B., TeacherIrvington.

Grace May Reeves, A. B. (Mrs. John Little Morris),

The Plaza.....Chicago, Ill.

Laura Evelyn Rupp, A. B., Teacher, cor. New

York and Rural Sts.....Indianapolis.

Charles Burr Taylor, A. B. (A. M., 1896) (M. D.,

1899), PhysicianNassau, Iowa.

CLASS OF 1896.

Retta Valeria Barnhill, A. B.	Irvington.
John Scot Butler, A. B.	Irvington.
Arthur Bliss Carpenter, A. B.	Wabash.
Edward William Clark, A. B., Journalist, 155 N. Meridian St.	Indianapolis.
Robert Woodward Clymer, A. B., Minister.	Scranton, Pa.
Charles Wingate Culbertson, A. B., Medical Student	Indianapolis.
Charles Test Dalton, A. B., Correspondent Chi- cago Times-Herald.	London, Eng.
John Quincy Davis, A. B., Medical Student	Indianapolis.
Mary Coburn Fletcher, A. B.	Proctorsville, Vt.
Henry Frederick Frigge, A. B., Minister.	Louisville, Ky.
Franklin Drake Hobson, A. B.	Indianapolis.
Pearl Jeffries, A. B., Student Cornell University. .	Ithaca, N. Y.
Earl Thayer Ludlow, A. B.	Denver, Colo.
Katherine Moore, A. B.	Irvington.
William Elmer Payne, A. B., Minister.	West Lebanon, Ind.
William Eugarde Phillips, A. B., Medical Student. .	Battle Creek, Mich.
Etta Lamb Thompson, A. B.	Muncie.
Agnes Thormyer, A. B., Teacher	Irvington.
George Gould Wright, A. B., Real Estate Agent. .	Monroe, Wis.
Charles Richard Yoke, A. B., with Dalton Lum- ber Co., 933 Fletcher Ave.	Indianapolis.

CLASS OF 1897.

Willis Marvin Blount, A. B., Student State Normal	Irvington.
Clarence Abram Brady, A. B., Minister.	Frankton.
Lulu Belle Brevoort, A. B.	Columbus.
Frank Thurman Brown, A. B., Law Student.	Indianapolis.
Robert Alexander Bull, A. B.	New Albany.
James Calvin Burkhardt, A. B., Minister.	Irvington.
Jessie Lanier Christian, A. B. (A. M., 1899) (Mrs. D. C. Brown).	Irvington.
Armstrong Brandon Clark, A. B.	Vincennes, Ind.
Walter Clemens Clarke, A. B.	Indianapolis.

Ethel Rous Curryer, A. B., Sec. State Medical Board of Registration and Examination.....	Indianapolis.
Virgil Byron Ging, A. B.....	Irvington.
Samuel Allen Harker, A. B., Professor Elect of Mathematics, Butler College.....	Irvington.
Carrie Rebecca Howe, A. B., Student of Music, 28 Gorham St.....	Cambridge, Mass.
Chloe Frances Hull, A. B.....	Indianapolis.
Moddie Jeffries, A. B., Teacher.....	Irvington.
Walter Scott King, A. B., Prin. High School.....	Clark's Hill.
George Washington Knepper, A. B., Junior Sec. Y. M. C. A.....	Indianapolis.
John Thomas Lister, A. B., Acting Professor Ger- man and French, Eureka College.....	Eureka, Ill.
Samuel McGaughey, A. B. (M. D., Indiana Medical College)	Irvington.
Howard Hodges Maxwell, A. B., Teacher.....	Greenwood.
Frank Clift Olive, A. B., Law Student.....	Indianapolis.
Alonzo Swain Roberts, A. B., Medical Student...	Irvington.
Thomas Roerty Shipp, A. B., Reporter Indianap- olis News.....	Irvington.
Ira Burns Shrader, A. B., with Armstrong, Lan- don & Hunt Co.	Kokomo.
Emma Stradling, A. B.....	Indianapolis.
Nettie Sweeney, A. B.....	Columbus.
Bona Thompson, A. B.....	Irvington.
Mabel Harriet Tibbott, A. B., Student of Music..	Irvington.
Emma Edna Wallace, A. B., Teacher, 1005 N. Al- abama St.....	Indianapolis.
Percy Barton Williams, A. B., Educational Bu- reau Y. M. C. A	Indianapolis.

CLASS OF 1898.

Virgil Dalrymple, A. B., Graduate Student Cor- nell	Ithaca, N. Y.
Errett McLeod Graham, A. B., Assistant Civil Engineer	Zanesville, Ohio.
David Rioch, A. B., Missionary	Hurda, India.
Ezra Clayton Roberts, A. B., Teacher	Indianapolis.
Anson Harvey Washburn, A. B., Teacher.....	Petoskey, Mich.

HONORARY DEGREES CONFERRED.

*Hon. Oliver P. Morton, LL. D., 1871.

*Hon. Conrad Baker, LL. D., 1871.

*Hon. James A. Garfield, LL. D., 1871.

Prof. Allen R. Benton, LL. D., 1871, Professor of Philosophy, Butler College.

*Hon. Horatio C. Newcomb, LL. D., 1871.

Hon. William M. Franklin, LL. D., 1871.

*Ovid Butler, LL. D., 1871.

Hon. Byron K. Elliott, A. M., 1871, Dean, Indiana Law School, Indianapolis, Ind.

A. C. Shortridge, A. M., 1871.

*Hon. Milton B. Hopkins, A. M., 1871.

Catharine Merrill, A. M., 1871, Teacher, Indianapolis, Ind.

Charles E. Hollenbeck, A. M., 1871, Publisher, Indianapolis, Ind.

Prof. Eli F. Brown, B. S., 1876; M. S., 1880, Professor of Anatomy and Physiology, American Medical College, Indianapolis.

*Prof. J. O. Hopkins, A. M., 1876.

*Judge John A. Holman, A. M., 1877.

Pres. David S. Jordan, Ph. D., 1877, President Leland Stanford, Jr., University, Palo Alto, Cal.

*Pres. Otis A. Burgess, LL. D., 1877.

Prof. Melville B. Anderson, A. M., 1878, Professor of English Literature, Leland Stanford, Jr., University.

Prof. Delaskie Miller, Ph. D., 1879, Physician (Specialist), Chicago, Ill.

Mrs. W. W. Butterfield, B. S., 1882.

Marion Thrasher, M. D., 1883, 1228 Market Street, San Francisco Cal.

J. H. McCullough, A. M., 1883, Minister, Irvington, Cal.

*Deceased.

Dr. Rufus Blount, A. M., 1883, Physician, Wabash, Ind.

Dr. F. Grayston, A. M., 1883, Physician, Huntington, Ind.

*Alvin I. Hobbs, LL. D., 1885, Minister, Dean, Theological Fac.
Drake University, Des Moines, Iowa.

*Isaac Errett, LL. D., 1886, Editor, Christian Standard, Cincinnati,
Ohio.

Pres. A. G. Thomas, LL. D., 1886, President, Burritt College, Spencer, Tenn.

Pres. S. R. Crumbaugh, LL. D., 1886, President, South Kentucky College, Hopkinsville, Ky.

Pres. W. Y. Taylor, A. M., 1886, President, Lagarto College, Lagarto, Tex.

Harriet Noble, A. M., 1886, Indianapolis, Ind.

W. T. Moore, LL. D., 1887, Dean of the Bible College of Missouri and Editor of The Christian Quarterly and of The Christian Commonwealth, Columbia, Mo.

Isaac A. Harvey, Ph. D., 1887, Geologist, Pa.

Milton J. Mallory, A. M., 1887, Superintendent City Schools, Crown Point, Ind.

Charles Louis Loos, LL. D., 1888, President, Kentucky University, Lexington, Ky.

Hon. Z. T. Sweeney, LL. D., 1889, Columbus, Ind.

Lieut. Thomas U. Raymond, A. M., 1890, Vancouver Barracks, Wash.

J. L. Dickens, LL. D., 1891, President, Texas Female Seminary, Weatherford, Texas.

Lewis A. Pier, A. M., 1891, Minister, Watsonville, Cal.

Dorman S. Kelly, A. M., 1892, Department Natural History, State Normal School, Emporia, Kansas.

Frank O. Morrison, A. B., 1895, Physician, Indianapolis.

Scot Butler, LL. D., 1896, President Butler College, Irvington.

Hugh C. Garvin, Ph. D., 1896, President Ridgeville College, Ridgeville.

Prof. Jabez Hall, A. M., 1898, Professor of Homiletics and Pastoral Theology, Butler Bible College, Irvington.

*Deceased.

INDEX.

Academical Senate.....	5
Admission, Requirements for.....	34-39, 86, 100
Admission Without Examination.....	37
Advanced Standing.....	38
Affiliation University of Chicago.....	19
Alumni Association.....	117
Annual, The.....	24
Astronomical Observatory.....	29
Astronomy.....	72
Athletic Association.....	26
Bible, Department of.....	64
Bible School.....	83
Bible School, Relation to College.....	85
Biblical Theology.....	88
Biological Laboratory.....	32
Biology, Department of.....	65, 108
Board of Directors Butler College.....	12
Board Trustees Bible School.....	85
Board of Trustees University.....	5
Board of Visitors.....	13
Boarding and Lodging.....	81, 99
Calendar.....	10
Catalogue of Students.....	110
Chapel Attendance.....	79
Chemical Laboratory.....	32
Chemistry, Department of.....	67
Christian Associations.....	23
Church History, Department of.....	92
Classification of Students, College.....	78
Classification of Students, Preparatory Department.....	101
College Paper.....	23

College Residence.....	30
Committees Board of Directors.....	12
Conditions	39
Courses of Study, College.....	45
Courses of Study, Bible School.....	87
Courses of Study, Preparatory Department.....	104
Debate, Inter-Collegiate	25
Debate, Prize for	79
Degrees	41, 44, 86
Dental College.....	8
Department University of Indianapolis.....	18
Directorship.....	20
Directors, Butler College.....	12
Directors, Bible School.....	85
Economics, Department of	59
Educational Purpose.....	21
English, Department of.....	52
Enrollment	36
Entrance Credits	34
Essays, Prize.....	79
Examinations	78
Exegesis New Testament.....	90
Expenses.....	81
Faculty.....	14-17, 84, 100
Financial Condition.....	20
French, Department of.....	51, 106
Freshman Class	112
Freshman Class, Requirements.....	42
General Information.....	78
Geology, Department of.....	70
German, Department of.....	49, 106
Graduate Students	27, 110
Graduation, Requirements for.....	40-44, 102
Greek, Department of.....	47, 105
Gymnasium Building	32
Gymnasium Practice.....	26
Gymnasium Suits.....	80
Hebrew, Department of.....	48, 89

Historical Sketch College.....	18
History, Department of.....	62, 107
Homiletics, Department of.....	87
Honorary Degrees, Recipients of.....	139
Junior Class.....	111
Junior Class, Requirements.....	42
Latin, Department of.....	45, 105
Law School.....	7
Libraries.....	30
Library Hall.....	29
Literary and Musical Advantages.....	26, 99
Literary Societies.....	25
Location and Buildings.....	28-33
Main College Building.....	28
Major Courses.....	40
Mathematics, Department of.....	72, 107
Medical College.....	6
Memorial Gifts.....	27
Minor Courses.....	40
Museum.....	31
New Testament Literature, Department of.....	90
Old Testament Literature, Department of.....	89
Oratorical Association.....	25
Oratory, Prizes in.....	79
Organization.....	18
Pastoral Theology.....	87
Payments to the College.....	80
Pecuniary Assistance to Students.....	22
Pedagogy, Department of.....	57
Philosophy, Department of.....	56, 94
Physical Exercises.....	74, 99, 101, 108
Physics, Department of.....	71, 108
Political Science, Department of.....	62
Preparatory Classes.....	101
Preparatory Department.....	100
Preparatory Students.....	114, 115, 116
Prizes.....	79
Public Speaking.....	98

Registration	36
Religious Observances	79
Religious Privileges	98
Religious Purpose and Influence	21
Reports	79
Romance Languages, Department of	51
Scheme of Daily Recitations	82
Self Support of Students	22
Senior Class	110
Senior Class, Requirements	42
Social Advantages	99
Sociology, Department of	59, 96
Sophomore Class	111
Sophomore Class, Requirements	42
Spanish, Department of	52
Special Fees	80
Special Lectures	98
Special Students	39, 113
Students' Names	113
Summaries	5
Term Reports	79
Trustees Bible College	85
Trustees University	5
Tuition Fees	80
University of Indianapolis	3
Visitors, Board of	13
Women, Higher Education of	21

THE
ANNUAL CATALOGUE
OF
BUTLER COLLEGE

DEPARTMENT OF ARTS
UNIVERSITY OF INDIANAPOLIS

FOR THE FORTY-FIFTH SESSION

1899-1900

WITH ANNOUNCEMENTS FOR 1900-1901

IRVINGTON (INDIANAPOLIS), IND.

SCHEDULE FOR RECITATIONS.

	8	9	10	10:30	11:30	2	3
FALL.	English 12 Greek 7 German 7 French 1 History 3 Philosophy 7 Mathematics 4 O. T. Intro. 1	Zoölogy 1 Chemistry 1 German 10 Greek 10 Political Sci'nce 1 Mathematics 10 Chemistry 4 English D Propædæutic 4	Chapel	Latin 1 Spanish 4 English 4 English 21 Geology 1 Philosophy 1 N. T. Lit. 4 Church History 1	Latin 4 German 1 Greek 1 Spanish 1 Mathematics 1 Sociology 12 Zoölogy 4 Chemistry 7 Hebrew 4 N. T. Lit. 1 Church Hist. 6	Zoölogy 1; 4; Laboratory. Chemistry 1; 4; 7; Laboratory.	Latin 10 Pedagogy 1 English 5 Astronomy 1
WINTER.	English 1 Greek 8 German 8 French 2 History 1 Philosophy 8 Mathematics 5 O. T. Intro. 2	Zoölogy 2 Chemistry 2 German 11 Greek 11 Sociology 1 Mathematics 11 English 11 Homiletics 5	Chapel	Latin 2 Spanish 5 English 22 Botany 1 Philosophy 2 History 4 N. T. Lit. 2	Latin 5 German 2 Greek 2 Spanish 2 Mathematics 2 Sociology } 20 English } Chemistry 8 Zoölogy 5 N. T. Lit. 5 Hebrew 5	Zoölogy 2; 5; Laboratory. Chemistry 2; 5; 8; Laboratory. Botany; Laboratory.	Latin 11 Pedagogy 2 Forensics 1 Astronomy 2 Church Hist. 2
SPRING.	English 2 Greek 9 German 9 French 3 History 2 Philosophy 9 Mathematics 6 Physics 1 O. T. Intro. 3	Zoölogy 3 Chemistry 3 German 12 Greek 12 Sociology 2 Mathematics 8 Chemistry 9 English 8 Church Hist. 11 Pastoral Theol. 6	Chapel	Latin 3 Spanish 6 English 6 Botany 2 Philosophy 3 History 5 N. T. Lit. 3	Latin 6 German 3 Greek 3 Spanish 3 Mathematics 3 Sociology 10 Zoölogy 6 N. T. Lit. 6 Hebrew 3	Zoölogy 3; Laboratory. Chemistry 3; 6; 9; Laboratory. Botany 2; Laboratory.	Latin 12 Pedagogy 4 Forensics 2 Astronomy 3 Church Hist. 5

UNIVERSITY OF INDIANAPOLIS.

It having become evident that the interests of higher education may best be furthered by the consolidation under one general management of the leading educational institutions of Indianapolis, such consolidation has been effected and articles of association have been duly filed. The purposes of the corporation thus formed, and the manner of its organization, are indicated in its articles of association as follows :

“ The name of the corporation shall be the UNIVERSITY OF INDIANAPOLIS.

“ The objects for which it is formed are, to afford facilities for higher education in the arts, sciences and professions.

“ The said University shall acquire, own, hold and control the necessary lands and buildings for the purposes of the University ; shall confer degrees, grant diplomas, and exercise all lawful powers incident to such corporation.

“ For the purpose of securing the ends for which the University is organized, there shall be a school of the liberal arts, a school of medicine, a school of law, a school of dentistry, and such other schools as shall further the cause of higher education.

“ There shall be a board of trustees, consisting of fifteen persons, who shall serve without compensation ; these shall be chosen for the first year by the persons whose names are hereto signed ; after the first year, the senate of the University (as hereinafter provided for) shall select three members of such board, and in case of vacancy by death, resignation or otherwise, of any one of said three members, the senate shall fill the place so vacated. The president of the University and the mayor of Indianapolis shall each, *ex officio*, be a member of such board. The remaining ten members of the board of trustees shall, at the end of the first year, be selected by the board whose term is then about to expire, and thereafter all vacancies in the list of said ten members so chosen shall be filled by said board.

The board of trustees shall have charge, control and management of the property interests and financial affairs of the University, and these powers shall include, also, the power to determine the compensation of all officers, professors and employes of the University.

“There shall be a senate of the University consisting of one representative from each school, selected by the same, except that the school of liberal arts shall have two representatives in said senate, by it chosen; *provided*, however, that the total number composing said senate shall not exceed twelve. The members of the said senate shall serve without compensation. The senate shall have charge and control of the educational interests of the University. There shall be a president of the University, to be chosen by the joint vote of the board of trustees and the senate, and there may be such other officers of the University as may be deemed necessary or expedient by the board and senate thus acting. All officers so chosen shall hold office during the pleasure of the board and senate.

“Should any existing school heretofore organized, or any school hereafter organized for educational purposes, desire to become a school in this University, the same can do so when permitted by law, upon the consent of the board of trustees, on the recommendation to such board by the senate upon terms to be agreed upon by and between such school or schools, and the board of trustees. And, in admitting such school or schools, the said board shall have the power to agree, among other things, that such school or schools may each have the management and control of its own separate property and special officers, and the right to select and discharge its professors, and determine their compensation, and the power of recommending for degrees and diplomas at the hands of the University, those whom the said school or schools may deem worthy of such degrees or diplomas; *provided*, however, that during the first year, the recommendation of the senate to the board of trustees for the admission of any school or schools shall be dispensed with. These articles may be amended by a two-thirds vote of the board of trustees and the senate acting together.”

In pursuance of the above, the following officers have been chosen:

President of the University.

BURRIS ATKINS JENKINS, A. M., B. D.

Academical Senate.

SCOT BUTLER.

WILLIAM C. BOBBS.

HARRY S. HICKS.

DEMARCHUS C. BROWN.

EDWARD F. HODGES.

Board of Trustees.

ALLEN M. FLETCHER, President.

GEORGE E. HUNT, Secretary.

HERMAN LIEBER, Treasurer.

P. H. JAMESON.

MATTHIAS L. HAINES.

A. C. HARRIS.

THOMAS TAGGART.

BENJAMIN HARRISON.

EDWARD H. DEAN.

STERLING R. HOLT.

M. J. OSGOOD.

HENRY JAMESON.

SCOT BUTLER.

HILTON U. BROWN.

W. P. FISHBACK.

The following colleges have been admitted to this corporation and compose the

University of Indianapolis:

DEPARTMENT OF ARTS.....Butler College.

DEPARTMENT OF MEDICINE.....Medical College of Indiana.

DEPARTMENT OF LAW.....Indiana Law School.

DEPARTMENT OF DENTAL SURGERY.....Indiana Dental College.

Summary.

1899-1900.

	No. in Faculty.	Students enrolled.
Department of Arts.....	26	340
Department of Medicine	23	230
Department of Law.....	15	85
Department of Dental Surgery	12	217
	—	—
Total	76	872

Department of Medicine

The Medical College of Indiana.

The faculty desires to call attention to the following points in connection with the school: The careful and thorough grading of the classes (this is not, as in many schools, merely in theory, but is complete and absolute); the classes never by any chance hear the same lecture repeated; a building specially erected for and owned by the college, containing ample room, and well stocked with teaching facilities; a dispensary in college building, well patronized; clinic rooms at hospitals, new and modern; women admitted on same terms as men; a four-year course rigidly administered, and finally a high grade of intelligence in its classes.

For all particulars, address the Dean,

HENRY JAMESON, M. D.,

MEDICAL COLLEGE OF INDIANA,

Cor. Senate Ave. and Market St.

Indianapolis, Indiana.

Department of Law

Indiana Law School.

As location for a law school, the city of Indianapolis has no superior in the country. Nowhere has the student better opportunities to watch the progress of all sorts of litigation in courts of all grades. All the courts of the state of Indiana, from the supreme court down to that of lowest jurisdiction, and also the United States circuit and district courts, are in almost continuous session here during the school year. The value to the student of the knowledge of court procedure to be thus secured can hardly be placed too high. He not only learns routine court work, but he learns, also, the manner of cross-examination of witnesses; he sees the practical application of the rules governing the admission of evidence, and the methods of its introduction; not only this, but the student is thus afforded opportunities to observe and study the trial methods and styles of argument of prominent lawyers from all parts of the country, as they are brought here by litigation in which they are interested.

Indianapolis presents the advantages of city life without the drawbacks of a city of the largest size. The cost of living here is low, although it is the seat of great professional and commercial activity. The litigation arising in the different courts is of the most varied character, and involves the most diverse business interests, and the student may thus acquaint himself with business methods as well as court procedure.

For catalogue and further information address the Dean, W. P. FISHBACK, Indianapolis, Ind.

Department of Dentistry

Indiana Dental College.

The college is now occupying its own building, which was erected for dental educational purposes. The building is on the southwest corner of Ohio and Delaware streets, centrally located and easily accessible from all parts of the city.

The growth of the college has been steady and sure, indicating its worth as an educational institution. Our students come from all parts of the United States.

The fame of our city as an educational center is rapidly spreading. Indianapolis is now closer to the center of population of the United States than any other city. Its railroad facilities, healthfulness and other advantages combine to render it an ideal college town.

For catalogue and further information address INDIANA DENTAL COLLEGE, Indianapolis.

Department of the Liberal Arts

Butler College, Irvington.

The purpose of this department of the University is to furnish the means of a general education in the arts and sciences. It is believed that such education not only contributes to liberal culture, but affords a preliminary training of immense practical value in professional or business life. For detailed catalogue see following pages.

BUTLER COLLEGE.

CALENDAR 1900-1901.

Fall Term, 1900.

Oct. 1..Monday	.....	Entrance Examinations.
Oct. 1..Monday	.....	Enrollment and Registration.
Oct. 2..Tuesday	.....	Assignment of Work to Classes.
Oct. 10..Wednesday	.....	Quarterly Meeting Directors.
Nov. 29..Thursday	.....	Thanksgiving Day Vacation.
Dec. 6..Thursday	.....	Oratorical Primary.
Dec. 14..Friday	.....	Freshman and Sophomore Debate.
Dec. 17..Monday	.....	Registration for Winter Term.
Dec. 20..Thursday	....	} Term Examinations and Close of Fall Term.
Dec. 21..Friday	.....
Dec. 22..Saturday	.....

Winter Term, 1901.

Jan. 2..Wednesday	.....	Enrollment and Registration.
Jan. 3..Thursday	.....	Instruction begins.
Jan. 9..Wednesday	.....	Quarterly Meeting Directors.
Jan. 11..Friday	.....	Primary Debate.
Feb. 7..Thursday	.....	Founder's Day.
Feb. 22..Friday	.....	Washington Anniversary Vacation.
Mar. 1..Friday	.....	College Debate with De Pauw.
Mar. 11..Monday	.....	Registration for Spring Term.
Mar. 26..Tuesday	....	} Term Examinations and Close of Winter Term.
Mar. 27..Wednesday	...	
Mar. 28..Thursday	....

Spring Term, 1901.

- Apr. 2..TuesdayEnrollment and Registration.
 Apr. 3..Wednesday.....Instruction begins.
 Apr. 10..Wednesday.....Primary Debate.
 Apr. 10..Wednesday.....Quarterly Meeting Directors.
 May 1..Wednesday.....Sophomore Essays.
 May 2..ThursdayCollege Debate with Notre Dame.
 June 1..Saturday.....Sophomore Oratory.
 June 7..FridayAnniversary Philokurian Society.
 June 22..Saturday.....Closing Chapel Exercises.
 June 23..SundayBaccalaureate Address.
 June 24..Monday
 June 25..Tuesday
 June 26..Wednesday... } Term Examinations.
 June 26..Wednesday.....Entrance Examinations.
 June 26..Wednesday.....Alumni Reunion.
 June 27..ThursdayForty-sixth Annual Commencement.

Board of Directors, Butler College.

ADDISON F. ARMSTRONG.....	Kokomo.
ALONZO M. ATKINSON*.....	Wabash.
ADELBERT W. BRAYTON, M. D.....	Indianapolis.
URBAN C. BREWER, A. M.....	Danville.
HILTON U. BROWN, A. M.....	Indianapolis.
HOWARD CALE, A. M.....	Indianapolis.
ADDISON C. HARRIS, LL. B.....	Indianapolis.
CHARLES E. HOLLENBECK, A. M.....	Indianapolis.
JOSEPH I. IRWIN.....	Columbus.
PATRICK H. JAMESON, M. D.....	Indianapolis.
• OVID B. JAMESON.....	Indianapolis.
BURRIS A. JENKINS, A. M., B. D.....	Indianapolis.
F. ROLLIN KAUTZ, A. M.....	Indianapolis.
JOHN A. KAUTZ, A. M.....	Kokomo.
THOMAS H. KUHN, PH. D.....	Kokomo.
JOHN E. POUNDS.....	Irvington.
CHARLES E. THORNTON, A. M.....	Indianapolis.

Officers of the Board.

ADDISON F. ARMSTRONG.....	President.
CHAUNCY BUTLER.....	Secretary.
ALLEN R. BENTON.....	Treasurer.

Standing Committees.

On Finance and Auditing.

P. H. JAMESON,	HOWARD CALE,	C. E. HOLLENBECK.
----------------	--------------	-------------------

On Grounds, Buildings and Real Estate.

A. M. ATKINSON,	C. E. THORNTON,	F. R. KAUTZ,	H. U. BROWN.
-----------------	-----------------	--------------	--------------

On Library, Apparatus and Cabinet.

F. R. KAUTZ,	U. C. BREWER,	A. C. HARRIS,	J. E. POUNDS.
--------------	---------------	---------------	---------------

On Instructors, Salaries and Condition of Schools.

H. U. BROWN,	A. W. BRAYTON,	B. A. JENKINS,	T. H. KUHN.
--------------	----------------	----------------	-------------

On Judiciary and Claims.

O. B. JAMESON,	J. I. IRWIN,	A. M. ATKINSON,	J. A. KAUTZ.
----------------	--------------	-----------------	--------------

On Boarding Hall.

C. E. THORNTON,	H. U. BROWN,	J. A. KAUTZ.	CHAUNCY BUTLER.
-----------------	--------------	--------------	-----------------

*Deceased.

Board of Visitors.

HON. J. A. MOUNT, Governor of Indiana.....	Indianapolis.
HON. FRANK L. JONES, Superintendent of Public Instruction.....	Indianapolis.
MISS NEBRASKA CROPSEY, Ass't Sup't Public Schools.....	Indianapolis.
MISS CATHERINE MERRILL.....	Indianapolis.
HON. W. P. FISHBACK, Master in Chancery U. S. Court.....	Indianapolis.
CHARLES R. WILLIAMS, Editor <i>The Indianapolis News</i>	Indianapolis.
JACOB P. DUNN, Editor <i>The Sentinel</i>	Indianapolis.
HARRY S. NEW, Editor <i>The Journal</i>	Indianapolis.
MRS. JOHN E. POUNDS.....	Irvington.
REV. M. L. HAINES, Pastor First Presbyterian Church.....	Indianapolis.
REV. W. D. STARR, Pastor First Christian Church.....	Noblesville.
MRS. A. M. ATKINSON	Wabash.
REV. A. J. FRANK, Pastor Christian Church.....	Lebanon.
REV. J. A. LORD, Editor <i>Christian Standard</i>	Cincinnati, O.
REV. J. H. GARRISON, Editor <i>Christian Evangelist</i>	St. Louis, Mo.
REV. J. H. MCNEILL, Pastor Christian Church.....	Muncie.
REV. Z. T. SWEENEY.....	Columbus.
PROF. CHARLES E. EMMERICH, Prin. Industrial Training School...	Indianapolis.
PROF. GEORGE W. HUFFORD, Principal High School.....	Indianapolis.

BUTLER COLLEGE.

Faculty.

SCOT BUTLER, A. M., LL. D., President, and Professor of Latin Language and Literature.

A. B., Northwestern Christian University, 1868; A. M., *ibid.*, 1870; Student Classical Philology, University of Halle, and University of Berlin, 1873-'75; LL. D., Butler College, 1896; Instructor in Latin and Mathematics, Indiana University, 1869-'72; Professor of Latin, Northwestern Christian University, 1871-—; President Butler College, 1892-—.

DEMARCHUS CLARITON BROWN, A. M., Professor of Greek Language and Literature.

A. B., Butler College, 1879; A. M., *ibid.*, 1880; Student Classical Philology, University of Tübingen and British Museum, 1882-'83; Student Archæology, American School of Classical Studies, Athens, Greece, 1892-'93; Student Greek Art, Berlin Museum, 1896; Student Archæology, American School, Athens, Greece, 1897; Professor of Greek Language and Literature, Butler College, 1884-—.

THOMAS CARR HOWE, A. M., Ph. D., Armstrong Professor of Germanic Languages.

Ph. B., Butler College, 1889; A. M., *ibid.*, 1893; Student University of Berlin, 1890-'92; Graduate Student Harvard University, 1896-'99; A. M., *ibid.*, 1897; Ph. D., *ibid.*, 1899; Instructor in German, *ibid.*, 1898-'99; Instructor in German and Latin, Butler College, 1889-'90; Armstrong Professor Germanic Languages, *ibid.*, 1890-—.

HENRY LANE BRUNER, A. B., Ph. D., Professor of Biology and Geology.

A. B., Abingdon College, 1880; Student Sheffield Scientific School, Yale College, 1880-'81; Assistant in Marine Investigations of U. S. Commission of Fish and Fisheries, 1881-'84; Student of Comparative Anatomy, University of Freiburg, Baden, 1895-'97; Ph. D., *ibid.*, 1896; Instructor, Abingdon College, 1881-'84; Professor Natural Sciences, Eureka College, 1884-'86; Professor Biology and Geology, Drake University, 1891-'92; *idem*, Butler College, 1892-—.

JACOB DORSEY FORREST, A. M., Ph. D., Professor of Sociology and Economics.

A. B., Hiram College, 1892; A. M., *ibid.*, 1892; Graduate Student in Political Science, Ohio State University, 1893-'94; Graduate Student in Sociology, Political Economy and Ethics, The University of Chicago, 1894-'95; Fellow in Sociology, *ibid.*, 1895-'97; Ph. D., *ibid.*, 1900; University Extension Lecturer in Sociology, *ibid.*, 1896-'99; Professor of Sociology and Economics, Butler College, 1897-—.

EDWARD SCRIBNER AMES, A. M., Ph. D., Professor of Philosophy and Pedagogy.

A. B., Drake University, 1889, and A. M. (in course), 1891; B. D., Yale University, 1892; Graduate Student in Philosophy, Yale University, 1892-'94; Fellow in Philosophy, University of Chicago, 1894-'95; Ph. D., University of Chicago, 1895; Instructor, Disciples' Divinity House, University of Chicago, 1895-'97; Docent in Philosophy, University of Chicago, 1896-'97; Professor of Philosophy and Pedagogy, Butler College, 1897- —.

WILLIAM JAY KARSLAKE, M. S., Ph. D., Professor of Chemistry.

B. S., Lafayette College, 1891; M. S., *ibid.*, 1894; Private Assistant to Dr. Wolcott Gibbs, 1891-'92; Assistant in Chemistry, Pennsylvania State College, 1892-'93; Graduate Student, Johns Hopkins University, 1893-'94; Ph. D., *ibid.*, 1895; Instructor in Chemistry, University of Maryland, 1894-'95; Lecturer in Chemistry, Dalhousie University (Halifax, N. S.), 1895-'96; Chemist at Middletown, Conn., 1896-'97; Professor of Chemistry, Butler College, 1897- —.

JABEZ HALL, A. M., Professor of Homiletics and Pastoral Theology.

A. B., Bethany College, 1865; A. M., Butler College, 1898; Pastor Christian Church, Wheeling, W. Va., 1866-'72; Cleveland, Ohio, 1872-'89; Richmond, Va., 1889-'97; Professor of Homiletics and Pastoral Theology, Butler Bible School, 1897- —.

BURRIS ATKINS JENKINS, A. M., B. D., Professor of New Testament Literature and Exegesis.

A. B., Bethany College, 1891; Graduate Student Yale University, 1892-'94; Graduate Student Harvard University, 1894-'95; B. D., *ibid.*, 1895; Williams Fellow, *ibid.*, 1895-'96; A. M., *ibid.*, 1896; Pastor Third Christian Church, Indianapolis, 1896-'99; Professor New Testament Literature and Exegesis, Butler Bible College, 1898- —; President University of Indianapolis, 1899- —.

SAMUEL ALLEN HARKER, A. M., Professor of Mathematics.

A. B., Butler College, 1897; A. M., *ibid.*, 1899; Graduate Student in Mathematics and Astronomy, University of Chicago, 1898-'99; Superintendent Public Schools, Lena, Ill., 1892-'94; Instructor in Mathematical Department, Manual Training High School, Indianapolis, Ind., 1897-'98; Professor of Mathematics, Butler College, 1899- —.

WILL DAVID HOWE, A. M., Ph. D., Professor of English Literature.

A. B., Butler College, 1893; Graduate Student Harvard University, 1894-'95, 1896-'99; A. B., *ibid.*, 1895; A. M., *ibid.*, 1897; Ph. D., *ibid.*, 1899; University Scholar, *ibid.*, 1897-'98; Shattuck Scholar, *ibid.*, 1898-'99; Acting Professor of English Language and Literature, Butler College, 1895-'96; Professor English Literature, *ibid.*, 1899- —.

EDGAR WILLIAMS ABBOTT, Ph. B., Professor of Romance Languages.

Ph. B., Franklin College, 1893; Principal High School, Martinsville, Ind., 1894-'96; Graduate Student Romance Languages and Literatures, University of Chicago, 1896-'97; Fellow in Department of Romance Languages, *ibid.*, 1897-'99; Student at La Sorbonne and College de France, Paris, 1898; Professor Romance Languages, Butler College, 1899- —.

CHRISTOPHER BUSH COLEMAN, A. B., B. D., Professor of Church History and Acting Professor of History.

A. B., Yale University, 1896; Auburn Theological Seminary, 1896-'97; Chicago Theological Seminary, 1897-'98; Divinity School, University of Chicago, 1898-'99; B. D., *ibid.*, 1899; Professor of Church History, Butler Bible College, 1900—.

JOHN MCKEE, A. B., B. D., Professor of Hebrew Language and Literature.

A. B., Butler College, 1884; B. D., Yale University, 1887; Graduate Student Semetic Languages, University of Chicago, 1898-'99; Professor of Hebrew, Butler Bible College, 1900—.

WALTER F. KELLY, B. Lit., Director Physical Culture.

B. Lit., Dartmouth College, 1897; Student Harvard Summer School Physical Culture, 1898; Director Physical Culture, University of Texas, 1897-'98; Director Physical Culture, Butler College, 1899—.

OMAR WILSON, A. M., Principal Preparatory Department and Instructor in Latin and Greek.

A. B., Butler College, 1887; A. M., *ibid.*, 1890; Professor of Latin and Greek, Oskaloosa College, 1888-'90; Principal of Preparatory Department, Butler College, 1890—.

EVELYN MITCHELL BUTLER, A. B., Instructor in English.

A. B., Butler College, 1893; Student University of Chicago, summer 1895 and summer 1896; Instructor Butler College, 1895—.

ROSA E. DARK, Instructor in Spanish.

Formerly Assistant Principal National Normal School, Mendoza, Argentine Republic.

Assistant Instructors.

NELLIE MAY GRIGGS, Assistant Instructor in Latin.

MAY CHARLOTTE GRAHAM, Assistant Instructor in German.

LOUISA AMELIA VAN DYKE, Assistant Instructor in Mathematics.

CLARENCE FORSYTH, Professor of Music.

Stuttgart, 1882-'85; *ibid.*, 1887-'89; Berlin, 1894-'95; Paris, 1896.

EVELYN MAY JEFFRIES, A. B., Instructor in Piano.

GEORGIA GALVIN, A. B., Instructor in Singing.

ADOLPH SCHELLSCHMIDT, Instructor in Violin and Violoncello.

Cologne, 1890-'92.

MYRTLE LEWELLYN TAYLOR, Instructor in Art.

Assistant Indianapolis High School, 1893-'94; special drawing teacher graded schools of Indianapolis, 1895-'96; Prin. of Art Dept., Greenville College, 1897-'99; Butler, 1900.

Officers.

SCOT BUTLER, President.

OMAR WILSON, Secretary.

W. J. KARSLAKE, Registrar.

D. C. BROWN, Librarian.

Committees.

On Debate and Oratory:

W. D. Howe, J. D. Forrest, E. S. Ames.

On Butler Collegian:

T. C. Howe, H. L. Bruner, E. W. Abbott.

On Graduate Studies:

C. B. Coleman, W. J. Karslake, D. C. Brown.

On Athletics:

W. F. Kelly, D. C. Brown, Scot Butler.

Superintendent College Residence.

MRS. GEO. W. BROWN.

ORGANIZATION.

Department of the University of Indianapolis. Butler University, by act of its Directors and of the Trustees of the University of Indianapolis, has been affiliated with the latter institution, in which henceforth it holds the place of a department, to be designated Butler College, Department of the Liberal Arts of the University of Indianapolis. This relation does not affect the autonomy of the College, whose ownership of property and control in all matters affecting internal management remain as heretofore with its own board of directors.

Historical Sketch.

In the general conventions of the Christian churches of Indiana the founding of an institution of higher education first began to be discussed in the year 1841. A few years later a definite resolution committing them to this work was adopted. After a full canvass of the State in 1849, in order to ascertain the views of those interested in the undertaking, it was decided to build such an institution at Indianapolis, under the name of the Northwestern Christian University. A charter both liberal and comprehensive, and fitted to promote the purposes of its projectors, was obtained from the Legislature. This charter went into effect January 15, 1850, and the University was formally opened November 1, 1855. The charter provides for a joint-stock corporation, the shares of whose stock are fixed at \$100 each, on which, when paid up, or when interest on the same is regularly paid, the stockholder receives 6 per cent. per annum, payable in tuition. An amount of subscriptions sufficient for a beginning was received within about eighteen months, and then the commissioners, under the charter, proceeded to erect a substantial building and to organize the various departments and courses of study. In 1873 it was determined to remove to Irvington, and in 1875 instruction of the college classes was begun in the new location. This removal was prompted in part by financial consideration, for the real estate belonging to the University, having

been included within the city limits, had greatly appreciated, and the corporation, by putting it on the market as city lots, was able to increase largely its financial resources. It was felt, too, that a quiet suburb, withdrawn somewhat from the distractions of the city, would afford a more desirable place of residence for students. Experience has demonstrated the correctness of this view and the wisdom of the removal.

The change in the name of the institution (Northwestern Christian University to Butler University) was made February 28, 1877, after full deliberation by the Board of Directors. This change did not affect any chartered obligations of the corporation in respect to property or graduates, or its purposes, all of which have been determined by a legislative act and the recorded resolutions of the Board of Directors.

Affiliation with the University of Chicago. By an agreement entered into by the trustees of Butler College and the trustees of the University of Chicago during the summer of 1898, the College is affiliated with the University upon terms which present the following advantages to students:

1. At each commencement of the College, the Bachelor's degree of the University will be conferred upon the member of the graduating class designated by the College as having sustained the highest average rank during the whole college course.

2. Every recipient of the Bachelor's degree from the College will receive a certificate showing that he will be entitled to the Bachelor's degree of the University upon the completion of one quarter's (twelve weeks') additional study at the University.

3. Free tuition for one quarter in the University will be granted to those who *within one year after graduation from the College* present the above mentioned certificate and become candidates for the Bachelor's degree of the University.

4. Three fellowships, yielding free tuition for one year (three quarters) will be granted annually to graduates of Butler College, nominated by the College. The holders of these fellowships may take advantage also of the offer of free tuition to all graduates for one quarter, thus securing free tuition for four quarters. (The tuition fee at University of Chicago is \$40 per quarter.)

The regulations to which the college submits in consequence of the affiliation in no way compromise its independence, but are intended solely to enable the University to assure itself that the standard of work is being maintained at its present grade. The terms of the affiliation are a guarantee that the undergraduate course in Butler College is practically on a par with that of the University of Chicago, and that it is so recognized by the University.

Directorship. The general control of the affairs of the corporation is vested in a board of directors, consisting of twenty-one members. These directors are chosen by vote of the stockholders from their number, a meeting for the purpose being held every third year at the office of the secretary of the board, at 2 o'clock P. M., of Commencement Day. A stockholder is entitled to one vote for each share of stock owned by him, and can vote in person or by proxy. Any stockholder is eligible to membership on the board. The members of the board serve without pay. A newly elected board organizes by choosing a president, a secretary and a treasurer. The next election of directors will be held in the year 1900.

Present Financial Condition. The financial resources of the institution have been made to suffice for all work so far undertaken. The property of the corporation is in a highly satisfactory shape, and its endowment is kept well invested, yielding an assured income. The affairs of the corporation are in the hands of a board of directors devoted to its interests, wise and conservative in all their views, and thorough and prudent in the administration of the trust committed to them. But the demands made upon an institution of learning at the present day are greater than ever before. The college is insufficiently endowed to meet these demands, and it is hoped that the same generous spirit which created and has hitherto sustained it will prompt provision for its continued development. The books of the corporation still remain open for subscriptions to stock.

Educational Purpose. The paramount purpose of the founders was to build up an institution of the amplest range of culture and one which should embody also certain liberal, catholic Christian ideas which had found no emphatic recognition in then

existing educational institutions. It was an attempt to put into durable and forceful activity ideas vital to social and civil progress. The wisdom of these purposes has been fully vindicated by the march of events and by the progress of public sentiment with respect to the ideas to which the founders sought to give prominence.

**Religious
Influence.**

The purpose of the founders, expressed in their act of incorporation, was "to establish an institution of learning for the education of the youth," and "to teach and inculcate the Christian faith and Christian morality as taught in the sacred Scriptures." Bible instruction is provided as a part of all under-graduate courses of study. Attendance at daily morning prayers in the college chapel is expected. The institution has always been religious in spirit; by the terms of its charter it must always be so. The plan of education proposed in its founding was not limited to scientific and literary and æsthetic culture, but recognizing the spiritual needs of man's nature, it included the religious element.

**Facilities for
Self-Support
by Students.**

The College desires in every way to encourage students of limited means, but it does not invite the attendance of those who are entirely without means of support. It can not undertake to furnish employment to students. Nevertheless, many young men studying for the ministry here support themselves either wholly or in part by preaching in neighboring towns. All parts of the State are within easy reach of Irvington, so that Sunday services at a distance need not interfere with the regular duties of the student. This employment, however, must be secured mainly through the student's own exertions. The College can not stand pledged to secure it for any; every such student must depend on his own ability, industry and perseverance.

**Pecuniary
Assistance
to Students.**

Frequent letters are received by the management from young persons desirous of obtaining an education, inquiring as to what assistance can be afforded students who are without the necessary means of support. To such, unfortunately, our answer can not be encouraging. The College has the merest beginning of a students' aid fund, and yet the good that might be accomplished by the judicious expenditure of even a com-

paratively limited amount of money, in affording assistance to deserving young men and women, is not to be estimated. In behalf of these young men and women whom a little assistance will enable to take positions of commanding influence in the church and in society, the attention of philanthropic people is called to the good that in this way their means can be made to accomplish. The directors will gladly receive and faithfully administer any endowment that may be placed in their hands for this purpose.

**Christian
Associations.**

The Young Men's Christian Association and the Young Women's Christian Association are voluntary organizations of students and instructors for the promotion of religious culture and for Christian work in college. Their members are sincere and energetic, and always extend to new students a very cordial welcome. The two associations hold a joint prayer-meeting every Monday evening, thus greatly assisting in maintaining Christian zeal among the students. A committee from each of these associations is in attendance during the first week of the fall term for the purpose of assisting those entering college, with information in regard to rooms, etc., and in general to afford any assistance in their power, which students who are strangers in Irvington may feel inclined to seek from them. The Y. M. C. A. and the Y. W. C. A. unite in a social given at the beginning of each term, to which all students are invited. This affords opportunity for old students to welcome new, and for all to cultivate more intimate acquaintance. All students who are church members are eligible to active membership in these associations. Students not identified with any church may become associate members.

The Collegian. Under this title a magazine is published, its editors consisting of representatives of the various college classes.

The following named persons have been chosen by the faculty as representatives of the College for the session of 1900-1901:

Ernest Talbert, Marie Martin, Orval Mehring, Carl McGaughey, Verna Glascock, Elizabeth Poulson, Hope Whitcomb, Ovid Butler, Chester Vernier, Earl Edson, Charlotte Powell, Roy Adney, James Baldwin, Charles Barnett.

The Collegian is furnished to all students of the College on appli-

cation without charge. Students and graduates are cordially invited to contribute illustrations, articles, verses, letters and information.

Inter-Collegiate Debates. The College has engagements for two Inter-Collegiate debates annually: one, which takes place in the winter term, is contested with DePauw University; the other, in the spring term, with Notre Dame University. For each debate a semi-final primary is held, dates for which will be found given in the College calendar.

Students' Debating Association. The Debating Association has been organized to promote interest in debating among the students, to make all necessary arrangements for debates with other colleges, to attend to all business pertaining to debates, and to assist the debating team in every way possible. Officers: Charles B. Dyer, President; Edward J. Iddings, Vice-President; Jesse D. Wall, Secretary; Roy Adney, Treasurer.

Freshmen and Sophomore Debate. In the fall term, annually, a debate is held between representatives of the above classes. The date fixed for this debate will be found by reference to the College calendar.

Oratorical Association. Seven colleges, of which this institution is one, compose the Indiana State Oratorical Association. The local association is composed of members of the college classes. The object of this association is to advance oratory by encouraging students to write and deliver orations. Preliminary contests are held annually to decide upon a representative for the State contests. Contestants are judged on thought, composition and delivery. Three judges are selected by the faculty on thought and composition, while the association elects three judges on delivery. The contestant receiving the highest average awarded by the judges represents the College at the State contest. If the contestant be successful there he represents the State of Indiana in the Inter-State contest, composed of ten western states. The work done in this department has proved very beneficial to those who take part, and has greatly advanced interest in oratory in the College.

The representative of the College in the State contest this year (1900) was John Raymond Carr, '00.

Literary Societies. The Philokurian Literary Society, organized in 1876, holds weekly meetings in its hall at the College. Its membership was originally confined to young men, but during the current year young women also have been admitted. The society is in a highly prosperous condition, and all students are invited to become members.

The Athenian Literary Society, organized during the present year, is in a highly prosperous condition. It is composed largely of preparatory students, but its membership is open to college students as well. The only requirement for admission is a desire to participate in the literary work which the society affords. Weekly programmes are given, a portion of each being devoted to the discussion of current questions.

The Athletic Association. The Athletic Association has been reorganized during the past year. The plan in this reorganization was to strengthen the association in every particular. The constitution provides for the perfect control and carrying on of all branches of athletics in the College, and its aim is to keep athletics upon a clear and wholesome basis, which is the only way to make sports successful in College. There is a board of control, composed of three faculty members and three students, whose duty it is to see that all the rules of the association are lived up to strictly. The eligibility of students to take part in athletics is governed by the rules of the Indiana Inter-Collegiate Athletic Association.

Any professor, alumnus or student of Butler College may become a member of the association by subscribing to the constitution and paying a membership fee of 50 cents per year. An annual field day is held each spring, the events including all kinds of field and track athletics. Foot-ball, base-ball, basket-ball and track athletic teams are supported by the association. Members of the teams and contestants in athletic games must be members of the association.

Gymnasium Practice. Regular exercise in gymnastics is provided as a means of health, and is supervised by a competent instructor. This exercise is required of students of the lower classes, but is optional with Juniors and Seniors.

**Literary and
Musical
Advantages.**

The location of the College in the immediate vicinity of Indianapolis makes it possible for students to hear the best lecturers and singers, various organizations in the city offering every winter valuable courses of entertainments. Because these advantages are thus offered and are so far superior to anything that a college could secure, the faculty does not find it necessary to make unusual provision for such entertainments.

Schools of Music and of Art are conducted in connection with the college, though these do not form organic parts of the institution, and they have their own fees for tuition. These schools are of first rank, and students in the college can conveniently avail themselves of their advantages.

**Graduate
Students.**

For purposes of advanced study the College extends its privileges to its own graduates and to graduates from other colleges of like standing, and it confers an advanced degree under conditions described elsewhere. Graduate students, not candidates for a degree, also, are received.

Memorial Gifts. The Board of Directors would encourage gifts in the form of endowments of various chairs of instruction. The sum of \$20,000 to \$30,000 subscribed in stock will secure to the subscriber the privilege of conferring a name on the chair so endowed and of nominating an incumbent, subject to the approval of the board. Smaller amounts can be devoted to equally useful purposes. Subscriptions of \$1,000 to \$5,000 can be devoted to the founding of scholarships for the benefit of deserving young people who stand in need of assistance, and of prizes for the reward and encouragement of the ambitious. These scholarships would be awarded worthy students on competitive examinations and the recipients expected to assume some work as assistant instructors, thus rendering the faculty valuable and much-needed help.

LOCATION AND BUILDINGS.

Location. The College is located at Irvington, a pleasant and healthful residence suburb of Indianapolis, with which it is connected by two railroads, the Pittsburgh, Cincinnati and St. Louis, and the Cincinnati, Hamilton and Indianapolis, and also by electric street cars, making quick trips every seven minutes. It is thus easily accessible from all parts of the country. It can be reached from any part of the State within a few hours. Irvington is regarded as the most attractive place for suburban residence in the vicinity of Indianapolis. Its population consists chiefly of those who have been drawn thither by educational inducements. This gives it a special character of cultivation and good order, while as a home for students it is singularly free from the temptations and dangers often surrounding college life. There are no drinking saloons in the town or in its vicinity. However, the College does not offer itself as a reformatory institution, and it will not suffer the attendance of the wayward or idle. Its facilities are offered to those only who earnestly desire mental improvement.

Main College Building. The main college building is of brick, trimmed with stone, having a frontage of 135 feet and a depth of 75 feet, containing in all twenty-four recitation rooms, besides halls, corridors, cloak and retiring rooms. It is heated throughout by steam, supplied with water and lighted by electricity, and in its internal finish and arrangements thoroughly suited to the purposes for which it was designed. For convenience, commodiousness and comfort it is all that could be desired.

Library Hall. This building is three stories high, constructed of brick and trimmed with stone. It has a frontage of 100 feet and a depth of 55 feet. It contains six commodious recitation rooms, the museum hall, and the chemical and biological laboratories. The architecture is modern and exceedingly attractive, and all its ap-

pointments are well adapted to the uses for which the building was designed. The classes of the Preparatory department are now taught in this building, by experienced educators, and under the present efficient organization superior advantages are offered to students preparing for college.

Astronomical Observatory. An observatory building has been erected on the high ground in the northeast corner of the Campus. In its construction are embodied whatever conveniences are necessary for the efficient use of the equatorial telescope. The building is octagonal, resting on a deep foundation, sided externally with sheet iron, and having a revolving dome, with sliding panel, giving unobstructed sky-view from horizon to zenith. The instrument rests on a pedestal, which stands on a column of brick and stone, which is protected from the effects of external temperature changes by a detached inclosing cylinder of the same material. The telescope is equatorially mounted by Fauth & Co., of Washington, with the usual adjuncts of declination and hour circles, and clock-work for diurnal rotation. The object glass of six inches diameter was made by the firm of Alvin Clark & Sons, of Boston, and, with the half-dozen eye pieces, gives a perfection of work which does no discredit to the manufacturers. The focal distance of object glass is eight feet, and the magnifying power of the instrument ranges from seventy to five hundred diameters. The performance of the telescope, so far as tried here, has been very satisfactory. A large number of tolerably difficult double stars and nebulae have been tried with the highest power and with good success. With the planets and satellites the lower powers, as usual, give the best results, including excellent definition.

College Residence. This is a tastefully and substantially constructed brick building, three stories high, containing large parlors, spacious dining-room, wide halls, and thirty well-ventilated rooms. It is provided throughout with steam heat and electric lights. Young people here find a comfortable home, with pleasant surroundings, at a moderate price. The rooms are provided with all necessary articles of furniture. Each student will furnish one comfort, towels and toilet articles, also any decorations for rooms desired, such

as sash- or lace-curtains, table covers, rugs, pictures, etc. Electric lights are turned off at ten o'clock; students wishing a light after that hour must furnish lamp, which will be supplied with oil by the superintendent at a cost of ten cents per month. Size of study table 24x36 in., dresser 16x38 in., wash-stand 15x28 in., sash 30x38 in. Price of board and room, including laundry for bed, varies from \$2.75 to \$3.50 per week, according to location of room and whether it is occupied by one or by two persons. Students rooming elsewhere may take meals at the residence at the same rate, \$2.50 for twenty-one consecutive meals. Students rooming at the residence are charged for meals there. One dollar must be deposited with the superintendent for breakage fund, same to be returned to the student at the close of the term if nothing shall have been broken or destroyed. Room-rent must be paid twelve weeks in advance, at the beginning of the term. In case a student leaves college on account of sickness or any other reason that the secretary of the college accepts, a rebate will be given. In applying for rooms address the superintendent of the residence, who has record of rooms not engaged.

Libraries. The College library contains about six thousand volumes, chosen for the most part with special reference to the needs of students. Each department is furnished with important books pertaining to its work, and each year additions are made of the latest and best works in Science, Literature and Art. The cyclopedias, maps, lexicons, and the manuals of special sciences, are numerous and of the latest results in research. These afford students ample means of reference in their class studies and are sufficient for special or graduate courses of study. The reading-room connected with the library is spacious and well lighted. It receives regularly the best publications, weeklies, monthlies and quarterlies, of this country and Europe. The advantages of the library and reading-room are open alike to all classes of students in the college.

The following periodicals are taken, and will be found on the tables in the reading-room :

American Chemical Journal.
American Historical Review.
American Journal of Science.
American Naturalist.
American Journal of Philology.

American Journal of Semitic Languages and Literature.
American Journal of Sociology.
Anatomischer Anzeiger.
Astro-Physical Journal.

Atlantic Monthly.	Indianapolis Daily Journal.
Biblical World.	Indianapolis Daily Sentinel.
Botanical Gazette.	Journal of Morphology.
Century Magazine.	Modern Language Notes.
Christian Standard.	Monist.
Christian Evangelist.	Nation.
Christian Guide.	Nature.
Christian Leader.	Nineteenth Century.
Classical Review.	North American Review.
Contemporary Review.	Philosophical Review.
Critic.	Popular Science Monthly.
Critical Review.	Political Science Quarterly.
Edinburg Review.	Political Economy, Journal of.
Expositor.	School Review.
Forum.	Scientific American.
Geology, Journal of.	Scientific American Supplement.
Germanic Philology, Journal of.	Scribner's Magazine.
Harper's Monthly Magazine.	Theology, Journal of.
Harper's Weekly Magazine.	Yale Review.
Independent.	

In addition to the above, students have access to public libraries (city, state and county) containing in the aggregate more than 100,000 volumes. Among these may be named the Public Library of Indianapolis, which occupies a handsome stone building erected for its use by the city, and contains 65,000 volumes. It has connected with it a commodious reading-room for the use of those that may wish to consult books of reference, or read the papers and periodicals kept there for that purpose. The reading-room is open to the public from 9 A. M. till 9 P. M. every day of the week, and any student of the College has the further privilege of withdrawing books from the library for home reading.

The State Library, also, offers its advantages to students. It occupies elegantly appointed rooms in the state house, and ample accommodations are provided for those that desire to consult the works contained therein. It has on its shelves 26,000 volumes.

Museum. In the collections of the University there is abundant material for illustrating the sciences of Zoology, Mineralogy and Geology. Some of the materials have been obtained by purchase, some have been contributed by the friends of the institution and some by the National museum, while a considerable portion has

been collected by the professors who have occupied the chair of Natural History. The museum contains the following collections:

1. A series of fossils and rocks illustrating the geology of the Mississippi Valley, especially that of Indiana and Ohio.

2. A collection of the fresh water fishes of the United States, made principally by Drs. D. S. Jordan and O. P. Hay.

3. A series of marine fishes from the United States National Museum.

4. Reptiles and amphibians of Indiana, collected by Dr. Hay and others.

5. A large collection of representative minerals.

6. Land, fresh water and marine shells, including about four thousand specimens.

7. A considerable number of aboriginal stone implements from the United States.

8. A collection of marine invertebrates, mainly from the New England coast, deposited by Prof. Bruner.

9. Marine invertebrates from the Atlantic, Gulf and Pacific coasts, presented by the National Museum and the Fish Commission.

Chemical Laboratory. The laboratory is well furnished for work, being conveniently arranged and supplied with gas, water, hoods, means of ventilation, and all necessary chemicals and apparatus for work in all branches of the science provided for in the course of study. To each student is assigned his own desk with separate outfit of apparatus and chemicals. Students will be required to pay for all apparatus actually broken or injured.

Biological Laboratory. The laboratory is well equipped to meet the demands of the work undertaken. Dissecting instruments, slides and covers are supplied at cost. In case of breakage or injury to apparatus the loss must be borne by the student.

The laboratory is provided with its own working library.

The Gymnasium Building. This structure has been designed and built for two especial purposes—one, to provide suitable quarters for physical culture; the other, to accommodate the boilers, engine and dynamos for warming and lighting the buildings and lighting

the College grounds. This building is of deep-red brick trimmed with buff limestone, and is supported upon a massive stone foundation. The roof is trussed and covered with black slate. Within, on the east side, are the great boilers, from which all the buildings obtain their heat and the engine-room its power for generating the electric light. Everything connected with this heating and lighting plant has received the most careful study and attention, and the apparatus and machinery selected are of the latest and most approved patterns.

The gymnasium is immediately in the rear of the above, and though externally a part of it, is entirely a structure of itself. The entrance is from the north through a large archway into an outer vestibule, through this to an inner vestibule, thence into the large hall thirty-five feet wide by fifty-eight feet long, well lighted and ventilated.

At the north end of the building are the bath-rooms. Shower-baths and washstands are provided with fittings for hot and cold water and valves for regulating the temperature. The floors are encaustic tile, with marble base border; the walls are wainscoted with yellow pine, finished to show the natural wood. The large hall is finished in yellow pine; the floor is double, finished with hard oak. New sanitary fittings have also been added, so that the whole is one of the most complete buildings of its kind.

The gymnasium is furnished with the most important modern apparatus and equipped with all kinds of special machinery used in individual work to overcome deformities and physical weaknesses.

REQUIREMENTS FOR ADMISSION.

All candidates for admission to the Freshman class, except those provided with certificates or diplomas as specified below, are required to pass satisfactory examinations in the subjects, or their equivalents, named below, counting an aggregate of thirty-six entrance credits. The term *Entrance Credit* is taken as representing approximately one term's (12 weeks') work of five recitation-periods, of one hour each, a week. The time spent is not, however, regarded as an exact measure of the quantity, or range, of work, and the entrance credit is held as an average measure:

English.

Nine entrance credits

The examination in English will consist of three parts, which must be taken together:

1. The candidate must show an intelligent acquaintance with the elements of Rhetoric as found in any standard work.

2. The candidate will be required to write a paragraph or two on each of six topics chosen by him from ten set before him on the examination paper. In 1900 the topics will be taken from the following works:

Shakspere's *Macbeth*; Milton's *Paradise Lost*, Books i and ii; Burke's *Speech on Conciliation with America*; Macaulay's *Essay on Milton* and *Essay on Addison*.

3. Of the following works the candidate will be expected to have read at least four. He will be asked to tell the story, describe a prominent character, etc.: Dryden's *Palamon and Arcite*; Addison's *Sir Roger de Coverley Papers*; Goldsmith's *Vicar of Wakefield*; Scott's *Ivanhoe*; De Quincey's *Revolt of the Tartars*; Tennyson's *Princess*; Lowell's *Vision of Sir Launfal*; Cooper's *Last of the Mohicans*. In every case the candidate's ability to write English correctly and to express himself clearly will be the most important evidence.

No work will be accepted which is seriously defective in spelling, punctuation, grammar or division into paragraphs.

As additional evidence of preparation the candidate may present other written work which must be properly certified by a former teacher.

Moreover, the English written by the candidate in any of his entrance examinations may be regarded as a part of his examination in English.

Latin.

Nine entrance credits.

The examination will be adapted to the proficiency of those who have studied Latin in a systematic course of four to five periods a week for three years. The examination will include:

1. Questions on the subject-matter, constructions, and the formation and inflection of words in the following authors: Viri Romae; Cæsar, four books of the Gallic War; Cicero, six orations and selections from Cicero's Letters; Virgil, five books of the Æneid, with prosody.

2. Translation at sight of passages of average difficulty from Cæsar and Cicero.

3. Translation into Latin of a piece of connected English based on principles contained in the first forty-six lessons of Allen's Introduction to Latin Prose Composition.

Thorough acquaintance with grammatical forms and rules is required. The rules of quantity should be learned along with the declensions and conjugations. The Roman method of pronouncing Latin is used.

One of the following languages:

Six entrance credits.

The examination will be adapted to the proficiency of those who have studied any one of the following languages in a systematic course of four to five periods a week for two years:

GREEK. 1. All Attic forms with accents. Four books of Xenophon's Anabasis with Xenophon's Symposium and Cyropædia.

2. Greek Prose Composition (Higley's Greek Prose Composition or the first two parts of Allison's). Equivalents may be offered.

Courses B₁ to C₃ (page 114) will indicate the entrance requirements where Greek is offered.

FRENCH. 1. The translation at sight of standard French. The passages set for translation will be suited to candidates who have read not less than 750 duodecimo pages of classical and contemporary prose and verse from the writings of at least five standard authors. It is important that all the translation should be done into clear and idiomatic English.

2. The translation into French of a passage of English prose.

In preparation for this examination candidates will be expected to have acquired a thorough knowledge of accidence and a familiarity with the essentials of French syntax, especially the uses of the modes and tenses, and also with the commoner idiomatic phrases.

Courses 1 to 6 in this catalogue (p. 48) will indicate the entrance requirements where French is offered.

GERMAN. 1. The translation at sight of ordinary German. In preparation for this examination candidates will be expected to have had at least one year's study of some such grammar as Joynes-Meissner or Collar's Eysenbach, with easy reading and German prose composition; and to have read some three hundred pages of easy prose such as that of Hauff, Heyse, Riehl, and Baumbach. It is important that all the translation should be done into clear and idiomatic English.

2. The translation into German of a passage of easy English prose.

Thorough acquaintance with grammatical forms and rules is required, special attention being given to strong verbs, gender and plurals of nouns, word formation, and inflection.

Courses B₁ to C₃ in this Catalogue (p. 115) will indicate the entrance requirements where German is offered.

Mathematics.*Six entrance credits.*

A knowledge of the metric system and ability to perform accurately the ordinary processes of Arithmetic are presumed. The examination will include:

1. ALGEBRA. Definitions and fundamental operations, factoring, fractions, simple equations, involution, evolution, radicals, theory of indices, surds, imaginary quantities, quadratic equations and the solution of problems. Subject as given in Hall and Knight's Elements of Algebra, or an equivalent.

2. GEOMETRY. Plane and solid, complete, including definitions, propositions and the solution of original exercises and numerical problems. Wentworth's or an equivalent.

The entrance requirement in Algebra is equivalent to three (3) credits, plane Geometry to two (2) credits and solid Geometry to one (1) credit.

History.*Three entrance credits.*

One of the following groups:—

1. The History of Greece and Rome and either English or American History.
2. General History as presented in such a work as Myer's General History, and either English or American History.
3. Ancient History, English History and American History.

For preparation in each of these groups the equivalent of one year's work or not less than five periods a week is necessary.

Ancient, Grecian, Roman, English and American Histories are each equivalent to one (1) entrance credit, while General History is equivalent to two (2) entrance credits.

Science.*Three entrance credits.*

In satisfying this requirement the candidate may offer either a year's work in any one of the sciences, Zoölogy, Botany, Chemistry or Physics, or he may offer the following:

1. PHYSICS. The examination will be based upon such elementary text-books as Avery's School Physics, Carhart & Chute's Elements of Physics, Gage's Elements of Physics, etc. Special attention will be given to the solution of problems. No laboratory work. Two entrance credits.

2. BIOLOGY. Either Zoölogy or Botany. One entrance credit.

a. Zoölogy. Such text-books as Kingsley, Packard, Colton or Bumpus will serve as an index of the character of the work required. Laboratory practice.

b. Botany. The examination will be based upon such text-books as Bergen's, Barnes', Clark's, Bessey's or Adkinson's. Laboratory practice.

In Zoölogy and Botany the work shall include the study of structure, and little credit will be allowed for work done in the simple identification of species of either animals or plants.

In offering a year's work in any one science, laboratory practice will be required in addition to the text-book work, and certified note-books containing the record of the work done must be handed in for inspection and approval.

Enrollment and Registration. The applicant for admission, whether to College, Divinity School or Preparatory Department, will report to the president for enrollment, from whom he will receive a blank to be filled out with a statement of credits due and a plan of studies to be undertaken. For this purpose he will be referred to a professor who will act as his adviser. This registration paper, when properly filled, is to be filed by the student with the registrar, who will issue an order of admission to the classes designated, and a statement of fees due therefor. On presentation to the several professors of this order, with the treasurer's receipt for payment of fees, the student will be admitted to classes.

The student is required to enroll his name and register his studies as above directed, each year, on first entering. Enrollment is but once each year. Further registration is provided for as follows: At the close of the Fall and of the Winter terms (dates are fixed in the College calendar) the student will arrange with his advisory professor a plan of study for the following term, which he will at once file with the registrar. On the first day of the following term (date fixed in College calendar) he will report to the registrar, who will issue order, etc., as above stated.

No fee is charged for registration when attended to at appointed time; otherwise a fee of \$1.00 will be charged. Later change to be charged for as new registration.

No credit will be allowed for work not properly registered.

Examinations in all the subjects required for admission are held in June and September (see calendar).

A candidate may enter the College at any time provided he is competent to take up the work of the classes then in progress; but it is better to begin at the opening of the year or term.

Admission to Freshman Class without Examination. Certificates of work done in public or private schools of approved standing are accepted in lieu of examinations, subject to the following conditions:

1. The student's application for admission must be accompanied by a certificate from the principal of the school from which he comes.

2. This certificate must furnish full and specific information concerning the applicant's studies, the time that he has devoted to them,

and should indicate, by means of the usual marks, his proficiency therein.

3. The candidate presenting the certificate of a principal will, however, not be exempted from the entrance examination in any particular subject unless his certificate shows that he has satisfactorily accomplished the full amount of work in that subject. Every candidate for admission to College, whether from a commissioned high-school or other, shall be subject to examination in English for the purpose of determining his ability to use the English language correctly. Information regarding this examination will be found on page 32.

4. Admission on certificate will, in every case, for the first term, be regarded as merely *provisional*. Should the student, after a term's residence, be found to be unable to pass the examinations of the class to which he has been temporarily assigned, he will be required to accept such other classification as may be deemed equitable.

The acceptance of certificates is regarded as a favor to the candidate and a courtesy to the certifying school, and it is hoped that the requirements of the College, in regard to their nature and form, will be fully complied with.

**Admission to
Advanced
Standing.**

1. *By Examination.* Candidates for advanced standing, coming from a high-school or other fitting school, may secure such advanced standing only on examination; but students coming from the Indianapolis High School and the Indianapolis Manual Training High School may receive credit for advanced standing without examination at the option of the professors of the departments concerned.

2. *By transfer of Credits.* Candidates for advanced standing coming from other colleges or universities must obtain certificates from said institutions certifying to the subjects they have passed examinations upon, and the number of weeks and hours per week the respective subjects were pursued. This also includes record on the entrance requirements to the institution.

The application for advanced standing and the credentials therefor must be presented within six weeks after matriculation. No credit will be given for advanced standing after this date.

In all cases candidates for admission must furnish satisfactory

evidence of good character, and those coming from other colleges must bring a certificate of honorable dismissal. No student is considered fully a member of his class, or of the institution, until he has passed at least one term satisfactorily to the faculty, during which time he may be assigned to another class, or, if his connection with the College is deemed undesirable, he may be privately dismissed.

No student will be graduated without doing at least the last three consecutive terms' work in actual residence at the College.

Entrance Conditions or Deficiencies. No person will be admitted to regular standing as a candidate for a degree who has entrance deficiencies amounting to more than six entrance credits. All regular students who are conditioned on entrance must begin at once to make good their deficiencies; and no student can be classed as a Junior or Senior until he has removed all entrance conditions.

Special Students. Any person, not a candidate for a degree, may be admitted as a special student and allowed to pursue a special course of study under the following conditions:

1. If under 21 years of age, the applicant must satisfy the requirements for admission to the College to the same extent as regular students, and must pay a fee of \$3.00 a term in addition to the fees paid by regular students.

2. If over 21 years of age, the applicant may be admitted, without examination, provided he gives evidence to the adviser that he possesses the requisite information and ability to pursue profitably the chosen courses.

3. Only persons having a definite end in view, approved by the adviser on special studies, will be accepted as special students.

4. No regular student who fails in his work will be allowed to become a special student until he has made good his failures.

5. Special students are subject to the same regulations as regular students with regard to the quality of work performed, and attendance at recitations and examinations. The faculty may at any time deprive any special student of his privileges if it appears that he is abusing or neglecting them.

REQUIREMENTS FOR GRADUATION.

The plan of study offered to the student in the requirements for graduation is at once liberal, systematic, and elastic. It combines the essentials of general culture, which is the prime object of the undergraduate college course, with an opportunity for development along the lines of the student's natural interest and for preparation for university and professional study.

In addition to the 36 entrance credits explained elsewhere (see page 32), there are required for graduation 36 majors of class instruction and 2 majors of physical training.*

A *major* is the equivalent of 5 hours' class-room work each week for a full term. Where laboratory work is carried on, two to three hours in the laboratory are equivalent to one hour in the class-room. In some of the more advanced courses, where much private work may profitably be laid out for the student, the number of hours each week which shall be equivalent to a major may be determined by the instructor. A *minor* is equal to one-half of a major.

These courses are elective under the following conditions:

1. Students, as a rule, will assume not more than three courses of the value of one major each during any one term. If, however, a student's average grade for the term next preceding shall have been as high as 80, he may take work to the aggregate value of four majors. But in no case may he take more than this amount during any one term; and a fee of \$4.00 will be charged for an additional major course or of \$2.00 for each additional minor course. These restrictions do not apply to courses in physical training. In any case, the courses chosen must not conflict in times of recitation, and all work, to receive credit, must be done in class.

2. The first 20 college majors must include, besides the physical culture, three majors in a laboratory science (Biology or Chemistry) and three majors in a foreign language not offered for entrance

*Students physically incapable of doing the gymnasium work will be required to substitute two major courses of class instruction.

(Greek, French, or German). At least three of these courses must be taken during the first college year.

3. During the first two years, not more than one major course in each term may be taken in any one department. But this regulation does not apply to courses in Forensics and Oratory.

4. Students entering with advanced standing must begin at once to meet the requirements of Rule 2.

5. During the last two years of the College course at least six major courses must be taken in one department; and these courses must run consecutively through the two years. Students entering the Senior class from other institutions must continue through the Senior year some course which they have pursued during their Junior year elsewhere.

6. Credit will be given for no more than nine majors elected from the courses offered for undergraduates by the Bible College.

7. The following will have the value of one minor each to students who are credited with 26 majors (unless offered in satisfaction of entrance conditions): French 1, 2, 3; Greek 1, 2, 3; German, 1, 2, 3.

8. In making his choice the student is limited to those studies which his previous training qualifies him to pursue; and he must observe any restrictions and prerequisites that may be attached to the particular courses he wishes to select. All courses must be selected in consultation with the adviser to whom the student is assigned (see p. 35).

Any student coming from another institution is required to take at least the last nine major courses at this institution.

Upon the satisfactory completion of the aggregate requirements as here given, the student is entitled to receive the degree of Bachelor of Arts.

Requirements for Second Degree. The College confers the degree of Master of Arts on applicants holding the corresponding baccalaureate degree. In case the applicant's undergraduate work has been done at another college, he is required to show that such work is fully equivalent to that required for the baccalaureate degree at this college. Applicants who have not completed the necessary amount of work must make up their deficiencies by taking the required courses for which they do not present equivalents and elective

courses sufficient to complete thirty-six credits before they will be admitted to candidacy for the second degree.

The degree of Master of Arts is conferred subject to the following conditions: (1) In case of non-residence the candidate for Master's degree is required to pursue a course of graduate study for at least two years under the direction of the faculty, pass satisfactory examinations and present a thesis on one of the subjects studied. (2) In case of residence the applicant must satisfactorily complete nine major courses and present a satisfactory thesis in his leading subject. The leading subject shall consist of three major courses of advanced work taken consecutively in one line of study. No required undergraduate courses, and none of the courses specified in Rule 7, page 39, will be credited for the degree of Master of Arts; and no applicant for the degree may elect more than two-thirds of his courses from the Bible College. In addition to the ordinary term examinations, the candidate's qualifications for the degree are tested by an oral examination in the work which he has taken.

The work of candidates for Master's degree may consist (*a*) of subjects especially assigned to individual students and (*b*) of lines of study to be selected, under the direction of the faculty, from undergraduate elective work, which, in the case of resident students, may, in certain cases, be pursued along with undergraduate classes; but no work done by a student while yet an undergraduate shall be allowed to count anything toward fulfilling the requirements of a graduate course. Graduate students are subject to the same regulation regarding number of subjects to be taken as undergraduate students. In all cases the work of candidates for degree of Master of Arts is subject to the approval of the faculty committee on graduate work, and to this committee all proposed graduate work must first be submitted. A copy of the thesis must be deposited in the library before the degree will be granted.

COURSES OF INSTRUCTION.

When an announced course has not been applied for by at least three students, candidates for a degree, the instructor shall be at liberty to withdraw the course.

Class exercises are daily, unless otherwise indicated in statement of courses.

All courses are majors unless otherwise indicated.

Bracketed courses will not be offered in 1900-1901.

LATIN.

PROFESSOR BUTLER.

General Statement.

The aim of the work in this department is—

1. To teach the student of fair ability and industry to read Latin understandingly and with reasonable facility. In order to the attainment of this end, during the earlier courses, special attention is given to forms, constructions and idioms. The reading of authors is accompanied with careful solution of whatever grammatical questions the text may present. The main part of the syntactical instruction, however, is given through exercises in Latin writing, such exercises being associated daily with the regular work in reading and translating Latin authors.

2. To make the student acquainted with the literature of the language, by reading considerable portions of the more important authors and by the study of the history of Roman literature.

3. To acquaint the student with Roman public and private life, through the study of Roman history and of the archæology of Roman life, social and political.

Courses 1, 2, 3 must all be taken in order that any may receive credit.

Courses.

1. LIVY, BOOK XXI OR XXII: Reading and translation; explanation of grammatical forms; Latin writing on material furnished by the text. *Fall, 10:30.*
2. CICERO DE SENECTUTE AND DE AMICITIA: Construction of the Latin sentence; composition of words; Latin writing and Latin oral exercises. *Winter, 10:30.*
3. HORACE'S ODES: Study of Horatian metres; Mythology. This course is mainly occupied with the literary side of the author studied. *Spring, 10:30.*
4. PLAUTUS, CAPTIVI AND TRINUMMUS: Attention given to ante-classical forms and constructions. Collateral historical work; informal lectures (one hour per week) on the rise and development of Roman institutions, with assigned reading. *Fall, 11:30.*
5. HORACE, SELECTED SATIRES AND EPISTLES: The student is expected to study each poem as a whole, carefully tracing the thought in its relation to the main theme. Collateral historical work of course 4, continued. *Winter, 11:30.*
6. TACITUS, AGRICOLA AND GERMANIA: The author will be studied as illustrating the history and civilization of his time. Frequent exercises in translating at sight will be required. *Spring, 11:30.*
- [7. HISTORY OF ROMAN LITERATURE: Selections from some of the early writers (to be taken, in part, from the collection of Peck and Arrowsmith). Selections from writers of the period of the Republic. In this course and in courses 8 and 9, following, the reading of authors will be made basis of a connected study of Roman literature. *Fall.*]
- [8. HISTORY OF ROMAN LITERATURE: Selections from writers of the Augustan Age, history of Roman literature (as in course 7) continued. *Winter.*]
- [9. HISTORY OF ROMAN LITERATURE: Later Roman writers; History of literature continued. In these courses on the history of

literature, the student is expected to make himself acquainted at first hand with the principal authors treated of; further instruction will be given by lectures and by directing collateral reading.

Spring.]

10. ROMAN ORATORY: Tacitus de Oratoribus with selections from Cicero. *Fall, 3.*
11. ROMAN SATIRE: Horace, Juvenal: A study of the elements and development of satire with a comparison of the Roman writers in this field of literature. *Winter, 3.*
12. LATIN ELEGIAC POETRY: Catullus, Tibullus, Propertius and Ovid: a comparative study. *Spring, 3.*

GREEK.

PROFESSOR BROWN.

General The aims of this department are:

Statement. (1) Discipline. An accurate knowledge of the forms is insisted upon, particularly in the first years of work. Grammatical points and idiomatic expressions are discussed in the class. This is done by the writing of Greek prose as well as from the author read.

(2) A knowledge of the literature, history and mythology of the Greeks. It is the purpose to reach this by the reading of authors from Homer to Lucian. The main point is the study of the literary merits of the author read, together with a careful investigation into the conditions under which he wrote and the times in which he lived. It is hoped thus to have courses in reading covering the epic poets, the tragedians, the comedians, the orators and the historians. History is studied by the assignment of periods to individual students to be reported upon before the class. The lives of generals and statesmen are assigned in the same way. The instructor, by means of photographs and lectures, presents the latest discoveries in archæology.

(3) The preparation of teachers of Greek. Special attention is given such students, particularly in the Junior and Senior years.

The more difficult points in Greek Grammar are examined. Graduate courses will be arranged for students who elect Greek in the Junior and Senior years, to whom only are such courses open.

Courses 1, 2 and 3 are continuous and all must be taken in order to receive credit.

Courses 4, 5 and 6 are continuous.

Courses 7 and 8 are also continuous.

To students credited with 26 majors or more, courses 1, 2, 3 have the value of one minor each.

Courses.

- 1, 2, 3, form a continuous course equivalent to the Greek required for admission to the Freshman class. Prerequisite, 15 entrance credits in foreign language. *Fall, Winter, Spring, 11:30.*
4. XENOPHON'S MEMORABILIA: Study of Socrates' life, with comparative readings from Plato's dialogues. Composition based on text. Prerequisite, courses 1, 2, 3, or equivalent. *Fall, 2.*
5. PANEGYRIC ORATION OF ISOCRATES: Political history of Athens: study of style. Composition. *Winter, 2.*
6. ALCESTIS OF EURIPIDES: Study of metres. Lectures on Greek theatre. *Spring, 2.*
- 7, 8. COURSE IN EURIPIDES, including Medea, Iphigenia in Tauris, Hecuba, Hercules, Furens. *Fall, Winter, 8.*
9. LUCIAN: Study of his times, style and influence. *Spring, 8.*
10. PLUTARCH: Lives of Demosthenes and Pericles. Study of a litterateur of First century. *Fall, 9.*
11. HISTORY OF GREEK ART: Architecture, archæology; sculpture, its rise, height, decadence. A reading knowledge of either French or German is a prerequisite. Open to Juniors and Seniors. *Winter, 9.*
12. MODERN GREEK: Study of modern writers, reading of novels and poetry. *Spring, 9.*

GERMAN.

PROFESSOR T. C. HOWE.

General Statement.

The aim of the work of this department is to afford the student the largest possible knowledge of the German language and literature. Students who elect German 4 are expected to have previously acquired a knowledge of the grammar and a vocabulary sufficient to enable them to read rapidly and intelligently the works to be studied by the class. Attention is called to the idioms met in the reading. German is used as far as possible in the class-room, but no time of the regular courses is given to conversation purposes. A German conversation class will be formed each year, provided suitable hours can be arranged for a sufficient number of students; but for this work no credit is given. In the earlier courses, accurately written translations of the German text form a part of the daily recitation, while frequent dictation exercises accustom the ear to the spoken language. In the advanced courses, the lectures are partly in German. The study of the literature has been greatly facilitated by the recent purchase for the college library of a complete set of Kürschner's *Deutsche National-Litteratur*, comprising over 200 volumes. These volumes, together with the works already owned by the college, afford an admirable working library for the purposes of the department.

Courses in Gothic and Old High German may be arranged with the instructor by sufficiently advanced students.

Courses 1, 2, 3 are continuous, and all must be taken in order to receive credit for any. Courses 4, 5, 6 are also continuous.

To students credited with 26 majors or more, courses 1, 2, 3 have the value of one minor each.

Courses.

1, 2, 3. German 1, 2, 3, form a continuous course equivalent to the Elementary German required of those who offer German for admission to the Freshman Class. The first few weeks are devoted to acquiring a sufficient knowledge of the grammatical forms to enable the student to begin reading easy prose. The remainder

of the course consists of exercises in translating from German into English, from English into German, and in a more thorough study of the grammar. Prerequisite, 15 entrance credits of foreign language. *Fall, Winter, Spring, 11:30.*

4. LESSING: Reading of Emilia Galotti and Minna von Barnhelm, together with lectures and collateral reading on the life and works of Lessing. Exercises in von Jagemann's Composition and Syntax twice each week. Prerequisite, courses 1, 2, 3, or equivalent. *Fall, 2.*
5. SCHILLER: The course begins with the reading of Rhoades' Freytag's Aus dem Jahrhundert des Grossen Krieges. This is followed by Wallensteins Lager and Die Piccolomini. Lectures and collateral reading on life and works of Schiller. Composition as in Course 4 continued. *Winter, 2.*
6. SCHILLER: Reading of Wallensteins Tod and one other of Schiller's dramas; or, of selections from the author's Gedichte on the basis of von Klenze's Deutsche Gedichte. Lectures and collateral reading on the works studied. Composition as in Course 5. *Spring, 2.*
7. GOETHE: Reading of Götz von Berlichingen and Egmont, together with the study of the author's life and works by means of lectures and assigned reading. Composition exercises and German theme writing. *Fall, 8.*
8. GOETHE: The course consists in reading in class Dichtung und Wahrheit; also written studies of other works of the author are required from the members of the class. Exercises in writing German. *Winter, 8.*
9. FAUST: Reading of Part I. and parts of Part II. A study of the Faust Legend and of the origin and development of Goethe's Faust. Thomas' Faust is used as a text-book. Exercises in writing German. *Spring, 8.*
10. THE ROMANTIC MOVEMENT: A study of the Romantic Movement in Germany by means of lectures and assigned reading. Mem-

bers of the class are required to prepare written studies of the works of those authors treated in the lectures. *Fall, 9.*

11. THE MODERN GERMAN DRAMA: Selected works of the most important modern dramatists are read in class. Lectures on the history of the drama. Theses prepared by the class on assigned reading. *Winter, 9.*
 12. THE GERMAN NOVEL: The history of the German novel is treated in lectures, and novels are read in class. Much collateral reading of German fiction is done and reports are required on the works thus read. *Spring, 9.*
 - [13. HISTORY OF GERMAN LITERATURE: Text-books: Francke's Social Forces in German Literature; Kluge's Geschichte der Deutschen National-Litteratur. References to the usual histories of the literature and to the works of the authors themselves. The course consists of lectures on the early periods of the German literature down to the time of Martin Luther. Assigned reading and reports. *Fall.]*
 - [14. HISTORY OF GERMAN LITERATURE continued: The course deals with the literature from the rise of Luther to the beginning of the Eighteenth Century, and includes a treatment of the origin and early history of both the novel and the drama in Germany. Collateral reading and reports. *Winter.]*
 - [15. HISTORY OF GERMAN LITERATURE concluded: The literature of the Eighteenth and early Nineteenth centuries is studied. Collateral reading and reports. *Spring.]*
- Courses 10, 11, 12 alternate with courses 13, 14, 15, and the student must have taken at least the equivalent of courses 1, 2, 3, 4, 5, 6 to be admitted to them.
16. MIDDLE HIGH GERMAN: Study of the forms from Bachmann's *Mittelhochdeutsches Lesebuch*; reading from Hartmann's *von Aue* der Arme Heinrich, *das Nibelungen-Lied* and *Walther von der Vogelweide*. To enter this course, the student must obtain consent of the instructor.

ROMANCE LANGUAGES.

PROFESSOR ABBOTT. MISS DARK.

General Statement.

The aim of the work of this department is primarily and mainly to give the student the largest possible control of the languages studied. In the earlier courses the essentials of form and syntax and common idiom are taught by constant oral drill and by composition. The student is trained from the first to careful pronunciation, while the ear is trained by dictation, and by the use in class, so far as is deemed profitable, of the language studied. Translation of texts is begun very early, but is made to give way as rapidly as possible to the reading and comprehension of the language without the use of English as a medium.

While the work is, in the main, preparatory to literary study, the later courses offered in French are given, so far as is possible, a literary character. Courses are offered in various departments and periods of the literature, and a study is made of the outlines of French literary history.

To students credited with twenty-six majors or more, courses 1, 2, 3 will have the value of only one minor each.

Courses in French.

1. **ELEMENTARY FRENCH:** An inductive study of the language, based upon reading and composition. Special attention given to pronunciation. Daily drill in forms and idioms. Houghton's French by Reading is used as a text. *Fall, 8.*
2. **INTERMEDIATE FRENCH:** A course in rapid reading and in composition. Easy texts, as Halévy's "l'Abbé Constantin" and Mérimée's "Colomba" will be read. Exercises in Grandgent's "French Composition" twice each week. *Winter, 8.*
3. **MODERN FRENCH COMEDIES:** A reading course, with special attention to French idiom. The comedies of such writers as Mme. Girardin, Verconsin, Labiche and Augier will be read. Grandgent's Composition continued. *Spring, 8.*

4. MODERN FRENCH SHORT STORIES: Readings from the modern short story writers of France, with special reference to construction, idiom and vocabulary. Written translations of assigned stories will be required. One hour each week will be devoted to composition. *Fall, 2.*
5. THE FRENCH NOVEL: The history of the French novel will be traced in lectures, and illustrative novels studied in class. Much collateral reading in French fiction will be done. *Winter, 2.*
6. FRENCH LITERATURE IN THE NINETEENTH CENTURY: A study of the movements and representative authors of this century. A large part of the work of the class will be collateral, and will consist in the study of assigned subjects and authors, to be reported upon in the class-room. Pellissier's "Mouvement Littéraire au XIXme Siècle" will be used as a text. *Spring, 2.*

Courses in Spanish.

1. ELEMENTARY SPANISH: Course in grammar, composition and reading, with drill in pronunciation. Edgren's "Spanish Grammar" and Ramsay's "Spanish Reader" are the texts used. Prerequisite, French 1, 2, 3. *Fall, 11:30.*
2. INTERMEDIATE SPANISH: Reading of easy prose and work in composition. The works of the modern Spanish short story writers will furnish the matter for reading. *Winter, 11:30.*
3. SPANISH NOVELS: Course in recent Spanish fiction. Such novels will be read as Alarcón's "El Sombrero de tres Picos," Caballero's "La Familia de Alvareda," and Galdós' "Doña Perfecta." *Spring, 11:30.*
4. CONVERSATION, COMPOSITION AND SYNTAX, together with selected readings from modern drama and novels. *Fall, 10:30.*
5. CONVERSATION AND COMPOSITION continued: Study of the Spanish drama. Selected dramas read and discussed. *Winter., 10:30.*
6. CONVERSATION AND COMPOSITION: Historical and biographical

sketches from the Spanish Americas, accompanied with selected readings from their literature. *Spring, 10:30.*

ENGLISH.

PROFESSOR W. D. HOWE.

General Statement.

The Department of English contemplates three objects:

1. Practice in English Rhetoric and Composition.
2. An acquaintance with English Literature.
3. A knowledge of the origin and development of the English Language.

(1) The first of these objects is considered in courses 1 and 4. In these courses much writing is required, reading is assigned in works which may be regarded as models, abundant provision is made for conference between student and instructor.

(2) The second of these objects is considered in courses 1, 3, 5, 6, 7, 8, 10, 20, 21, 22, in some of which extensive periods are studied, in others, particular masterpieces.

The aim of this side of the instruction is to develop taste and appreciation, to encourage constant reference to libraries, and to stimulate a love for good books.

(3) The study of the language is confined to the most advanced students, who will be allowed to undertake such work with the consent of the department.

FORENSICS: For convenience the two courses in Forensics are mentioned under this department. The courses in Forensics are under the direction of the faculty committee on Oratory, and have for their purpose the training of students in public speaking. Both 1 and 2 are preparatory to the inter-collegiate contests in debate and oratory.

Courses.

D. This course is required of those who are unable to pass the entrance examination in English. The work consists entirely of

composition. No college credit is given for this course. Two hours.
Fall, 9.

1. HISTORY AND DEVELOPMENT OF ENGLISH LITERATURE: This course is intended to furnish a general survey of the different periods of English Literature, with special attention to the prominent authors. Much reading is prescribed. Text-Books, Brooke's Primer; Syle's From Milton to Tennyson. *Winter, 8.*
2. RHETORIC AND COMPOSITION: Daily and fortnightly themes. References to the text-books of Hill, Genung and Baker. Besides the writing, students are required to do a certain amount of reading from such authors as Stevenson, Thackeray, George Eliot, Macaulay, Kipling. *Spring, 8.*
- [3. CHAUCER, SPENSER, SHAKSPERE, MILTON.
In this course are read Chaucer's Prologue and two of the Canterbury Tales; the first book of Spenser's Faerie Queene; two plays of Shakspeare; two books of Paradise Lost and Milton's minor poems. An attempt is made to learn something of the time in which each author lived and the influence which each exerted.
Assigned reading, reports and lectures.]
4. ADVANCED COMPOSITION: The work in this course consists of the various kinds of writing such as the class seems to need. The work in class is devoted chiefly to the discussion of the themes, besides the reading from certain prose writers. One or more hours each week is set apart for conference, when each student will discuss his work with the instructor.
Daily and fortnightly themes.
Course 4 receives only students who have passed course 2.
Fall, 10:30.
5. ENGLISH PROSE: This course is a study, as minute as time will allow, of the prose writers of the Nineteenth Century: Lamb, DeQuincey, Irving, Newman, Carlyle, Macaulay, Arnold, Stevenson. Special stress is laid upon the works of criticism of these men.
Assigned reading, reports, lectures.
Prerequisite, courses 1, 2. *Fall, 3.*

6. EIGHTEENTH CENTURY AUTHORS: This course has to do, first, with those authors of the Eighteenth Century who were dominated by classic influence, and, secondly, with those who mark the transition from the classic spirit to the romantic spirit of the Nineteenth Century. The authors to whom considerable attention is devoted are Dryden, Defoe, Swift, Addison, Steele, Pope, Johnson, Burke, Goldsmith, Richardson, Fielding, Young, Thomson, Gray, Collins, Cowper.
Assigned reading, reports, lectures.
Prerequisite, courses 1, 2. *Spring, 10:30.*
- [7. NINETEENTH CENTURY POETRY: This course deals, first, with the authors that are usually considered under the romantic movement in English literature, and, secondly, with those whom we may call contemporary. The authors specially studied are Burns, Wordsworth, Coleridge, Scott, Keats, Shelley, Byron, Arnold, Browning and Tennyson.
Assigned reading, reports, lectures.
Prerequisite, courses 1, 2, 6.]
8. THE NOVEL: This course traces the development of the novel, dealing with such writers as Richardson, Fielding, Frances Burney, Jane Austen, Scott, Dickens, Thackeray, Hawthorne and George Eliot.
Assigned reading, reports, lectures.
Prerequisite, courses 1, 2. *Spring, 9.*
- [10. THE DRAMA FROM THE MIRACLE PLAYS TO THE CLOSING OF THE THEATERS (1642): This course deals with Lyly, Greene, Kyd, Marlowe, Shakspeare, Jonson, Dekker, Heywood, Beaumont and Fletcher, and other dramatists of the Elizabethan period.
The development of the drama is studied with special reference to Shakspeare as a playwright among playwrights.
Assigned reading, reports, lectures.
Prerequisite, courses 1, 2.]
11. ENGLISH LANGUAGE: In this course Anglo-Saxon is studied for the first half of the time. Text-book, Bright's Anglo-Saxon Reader.

In the second half of the course certain specimens of middle English are read: Morris's *Specimens of Early English*. The object of this course is to give the student a general idea of the growth of our language from its earliest form as far as to Chaucer.

Prerequisite, at least three majors in English. *Winter, 9.*

12. **LITERARY HISTORY OF AMERICA:** This course deals with the literary works produced in America from the colonial period to the present time.

Assigned reading, reports, lectures.

Prerequisite, courses 1, 2. Minor, 3 hours each week. *Fall, 8.*

20. **SOCIAL FORCES IN ENGLISH ROMANTICISM:** This course deals with the English Romantic movement from a social and literary point of view. The former phase of the work is considered in lectures on the different social and political forces in the literature at that time; the latter side of the work consists chiefly of a study, more or less minute, of the prominent authors of the Romantic movement. Prerequisite, three majors in English.

In collaboration with Prof. Forrest. *Winter, 11:30.*

Literature in English.

- 21, 22. **THE DRAMA:** These two courses deal with the forms and material of dramatic poetry in the four literatures: Greek, English, French, German. Plays by representative dramatists are read and studied. By means of lectures the peculiar characteristics of the drama of each literature are considered. Prerequisite, three courses in English, three courses in French, three courses either in Greek or German. *Fall, Winter, 10:30.*

Professors Brown, Abbott, T. C. Howe, W. D. Howe.

- [23, 24. **EPIC POETRY:** These courses deal with epic poetry in the literatures of Greece, Italy, Germany and England. The works especially studied will be Homer's *Iliad* and *Odyssey*, Dante's *Divine Comedy*, the *Nibelungen-Lied*, *Beowulf* and Milton's *Paradise Lost*.

To be given in 1901-1902.]

Courses in Forensics.

1. **ARGUMENTATION:** The work of this course consists in written and oral argumentation. Briefs are prepared and forensics are written and delivered. Prerequisite, English 2, and Political Science 1. *Winter, 3.*
2. **ORATORY AND PUBLIC SPEAKING:** This course consists, first, in the analysis of representative orations; second, in the writing of orations, and, finally, in practice in the method of expression by voice and action. Minor. Prerequisite, English 2. *Spring, 3.*

PHILOSOPHY AND PEDAGOGY.

PROFESSOR AMES.

General Statement.

The close and vital relation in which philosophy stands to the various sciences, historical and biological, and to practical life, emphasizes its claim to an important place in liberal education. Psychology, logic and ethics deal respectively with the nature and development of mind, the processes of thought and the ideals and laws of conduct. They are, therefore, eminently fitted to afford general culture, as well as useful training for the various professional and scientific pursuits. The history of philosophy presents statements of the fundamental problems of life, and the attempts at their solution, as these have been wrought out by the master minds of the race. It offers an interpretation and progressive explanation of the conceptions which are also exhibited from other points of view in history and general literature.

It is the aim of the work in Pedagogy to furnish training for intending teachers, but the interests of other students are also kept in view. The instruction proceeds from the psychological and historical standpoints, and seeks to present the fundamental principles of education. Several courses of special value to the student of pedagogy may be found in sociology and philosophy. Psychology is indispensable to a mastery of pedagogical problems, and is a prerequisite to the following courses. The public schools of Indianapolis afford a convenient opportunity to observe efficient organization, equipment

and methods. Students should have at least 18 college credits before undertaking the work in pedagogy.

Courses in Philosophy.

1. **PSYCHOLOGY—ELEMENTARY COURSE:** It is the purpose of this course to acquaint the student with the scope and method of the science, with the nature and activities of the mind, and with the laws and processes of mental development. The subject-matter of the course will correspond to that of such treatises as James' Psychology, Briefer Course, Höffding's Psychology, Dewey's Psychology, Baldwin's Hand-book and Ladd's Outlines of Descriptive Psychology. Prerequisite: Nine college majors. This course is a prerequisite for all others in philosophy and pedagogy. *Fall, 10:30.*
2. **LOGIC:** The processes and laws of valid thinking, together with the various kinds of fallacies, are critically examined. Both the deductive and inductive phases of inference are considered in the concrete form of argumentative and scientific literature. A philosophical treatment of the nature of judgment and knowledge is outlined. Text, Creighton, Introductory Logic. *Winter, 10:30.*
3. **ETHICS:** The conceptions of moral obligation, virtue and freedom are treated psychologically and critically. An analysis is made of character, habit, desires and ideals from the psychological and ethical points of view. Social institutions and the duties they involve, together with the factors in moral progress, will be outlined. Special problems will be taken up in discussions and papers. Text, Paulsen, System of Ethics. *Spring, 10:30.*
- [4. **HISTORY OF PHILOSOPHY:** Descartes, Spinoza and Leibniz will be the chief authors treated in the study of seventeenth century thought in Europe. Selections from their writings will be critically examined and discussed. *Fall.*]
- [5. **HISTORY OF PHILOSOPHY:** English thought from Hobbs to Hume will be carefully reviewed, particular attention being given to Locke and Hume. *Winter.*]

- [6. HISTORY OF PHILOSOPHY: Kant and Hegel and an outline of the main trend of subsequent thought to the present time will be the chief topics. *Spring.*]
7. ANCIENT PHILOSOPHY: Special attention will be given to the systems of Socrates, Democritus, Plato, Aristotle, the Stoics and Epicureans. Text: Windelband, *History of Ancient Philosophy*. Prerequisite for all courses in History of Philosophy: 18 college majors, 2 of which shall have been in this department. *Fall, 8.*
8. KANT: The sources of Kant's thought will be traced in the pre-critical period, thus acquainting the student with the characteristics of Rationalism and Empiricism. Watson's *Selections from Kant* will be thoroughly studied, after which an outline of the post-kantian movements will be sketched. *Winter, 8.*
9. ADVANCED ETHICS: Two hours each week will be devoted to discussions based upon the reading of T. H. Green's *Prolegomena to Ethics*. Three hours will be given to lectures on the psychology of ethics. Papers will be required upon assigned topics. *Spring, 8.*

Courses in Pedagogy.

1. HISTORY OF EDUCATION: The development of educational problems, together with the principles and practical methods applied to them, especially in the modern period, will be treated in lectures, papers and discussions. Particular attention will be given to the great educational classics, such as Locke's *Thoughts on Education*, Rousseau's *Emile*, Pestalozzi's and Froebel's works and Spencer's *Essay on Education*. *Fall, 3.*
2. EDUCATIONAL PSYCHOLOGY: The fundamental psychological processes, such as impulse, instinct, habit, attention, interest, memory, imagination, association, will, etc., are discussed in their pedagogical bearings. The history, methods and results of child-study are reviewed and their educational value indicated. James' *Talks to Teachers* and Lloyd Morgan's *Psychology for Teachers* with special references to current literature will be read. *Winter, 3.*

- [3. **THE PUBLIC SCHOOL SYSTEM:** This course will treat in some detail the school system of this country. The main topics discussed will be organization and administration, equipment, curriculum and method. The excellent schools of the city of Indianapolis furnish good opportunities for observation of all grades and variety of work. The special interests of individual students will be consulted in assigning them to investigations of different problems. A general study can thus be made of the practical questions of child study, grading, school hygiene, educational values, examinations, teachers' meetings, etc. *Spring.*]
4. **EDUCATIONAL METHOD:** The general principles of method, such as the doctrine of interest, concentration, relative value of studies, the variation of method in different subjects, the use of types, and of induction, will be among the subjects discussed. Regular visitation of the Indianapolis schools will be required. References: McMurry, General Method and Method of the Recitation; Tompkins, Philosophy of Teaching. *Spring, 3.*

SOCIOLOGY AND ECONOMICS.

PROFESSOR FORREST.

General Statement.

The primary aim of this department is to train students in the observation of social phenomena and reflection on social relations, to the end that they may be prepared to discharge their duties as members of society. But in addition to such introductory courses as are essential to a liberal education, further courses are offered which, on the one hand, will prepare students for advanced specialization in the various social sciences, and, on the other, will furnish a broad foundation for professional studies. In all courses the effort is made to give students the *methods* rather than the *results* of social study, and, wherever it is practicable, the student is encouraged to make independent and first-hand investigations.

The city of Indianapolis is the social laboratory of the department. While it does not present the complexity of phenomena to be found

in some larger cities, it is large enough to furnish almost every factor of the most complicated social life ; and, indeed, the simpler nature of the society, which yet contains all the elements of cosmopolitan municipal life, makes the city a more desirable field for certain kinds of social investigation than it would be if it were larger.

The department also enjoys the advantage of having access to the large collection of public documents in the State library, and the very complete collections of works pertaining to the social sciences in the libraries of the State, the City, and Butler College.

The courses in Sociology, Economics, and Political Science are so arranged that the student may elect work in these branches aggregating five years of study. Work in this department should not ordinarily be begun before the Junior year. But students having mature minds and desiring to elect Junior and Senior work largely from this department may enter the introductory classes in the Sophomore year.

Courses.

1. ECONOMIC HISTORY OF MODERN TIMES : An introduction to the study of the development of commerce and industry since the fifteenth century, with a somewhat detailed consideration of the causes of the Industrial Revolution and the nature of the industry of the present time. Prerequisite, credit for 12 college majors. Must be followed by course 2. *Winter, 9.*
2. ECONOMICS : A thorough introduction is given to the subject. The work will be based on Hadley's Economics, but the student will be expected to compare the views of various important authorities on the more important topics. Prerequisite, course 1. *Spring, 9.*
3. ORGANIZED PHILANTHROPY : A study of the causes of poverty and methods of amelioration, based on Warner's American Charities. The department enjoys the hearty co-operation of the excellent Charity Organization Society of Indianapolis ; and is thereby enabled to make a thorough study of the charities of the city. Such agencies as the social settlement, the institutional church, the labor colony, etc., will also receive consideration. The student will be expected to make a personal investigation of

actual conditions found in the city. Prerequisite, credit for 15 college majors. *Fall, 2.*

4. PROBLEMS OF CAPITAL AND LABOR: A study of the growth of large industries and the place and nature of public service and industrial corporations, "trusts" and labor organizations. Consideration will be given to the causes of conflicts between Capital and Labor, the relations of both to the consuming public, and methods of public control. Prerequisite, course 2. *Spring, 2.*
- [5. PRIMITIVE CULTURE: A study is made of some of the leading problems of Anthropology and Ethnology, particular emphasis being laid upon the industrial and the ethical development among primitive peoples. Such a study of the beginnings of social evolution serves as a basis for advanced historical, sociological, and ethical investigation, and for the study of comparative religion. Prerequisite, credit for 18 college majors. Must be followed by either course 5, 6 or 11.]
- [6. SOCIAL HISTORY: A study of the development of the main elements of modern civilization. The emphasis is laid on the interrelation of the industrial and ethical lines of development. An investigation is made of the beginnings of civilization in antiquity, the transition from the Græco-Roman Empire to the mediæval period, and the leading movements of the modern period. Lectures, readings, reports. Prerequisite, course 5. The course in mediæval history must either precede or accompany this course.]
- [7. SOCIALISM: A brief historical sketch of socialistic theories of this century, followed by a critical examination of present-day socialistic positions, and a consideration of the socialistic trend of industrial development and its influence on the family, the state, and religious and ethical ideals. Prerequisite, course 2.]
- [8. SOCIAL PSYCHOLOGY: A study, based on Baldwin's Social and Ethical Interpretations, of the social development of the individual. Theories of the "Social Mind" and the "Mob Mind" will be examined. Prerequisite, course 5 and the introductory course in Psychology.]

- [9. DEVELOPMENT OF SOCIAL PHILOSOPHY: An examination of the principal attempts to interpret social phenomena, from Plato to Comte. Lectures, readings, reports. Prerequisite, credit for twenty-one college majors including two courses in this department.]
10. CONTEMPORARY SOCIAL PHILOSOPHY: An examination of the principal sociological contributions since Auguste Comte, with special emphasis upon the work of living writers. This course is intended to be an introduction to general sociology, since it takes up most of the important attempts to interpret society. Prerequisite, 24 college majors and a reading knowledge of either French or German. *Spring, 11:30.*
- [11. COMPARATIVE RELIGION: A general introduction to the subject. A somewhat minute study will be made of animism and primitive religious rites, followed by a more general study of the great historical religions. Prerequisite, course 5.]
12. MONEY AND BANKING: The main interest in this course will be on the nature and function of currency (coin, note and deposit). The various experiments of the United States will be studied in the light of the leading theories of money. The main features of the banking system, the influence of banks on speculation, their management in financial crises, dangers and safeguards will be discussed. Prerequisite, course 2. *Fall, 11:30.*
20. SOCIAL FORCES IN ENGLISH ROMANTICISM: This course deals with the English Romantic movement from a social and literary point of view. The former phase of the work is considered in lectures on the different social and political forces in the literature at that time; the latter side of the work consists chiefly of a study, more or less minute, of the prominent authors of the Romantic movement. Prerequisite, 3 majors of English. In collaboration with Professor W. D. Howe. *Winter, 11:30.*

HISTORY AND POLITICAL SCIENCE.

PROFESSOR COLEMAN.

PROFESSOR FORREST.

**General
Statement.**

The aim of the work in this department is:

1. To enable the student to study intelligently those sciences in which the historical background is a prominent feature, especially Politics, Sociology, Economics, Language and Literature.

2. To afford an insight into the origins and development of modern civilization, with a knowledge of the causes, meaning and results of the great crises of history.

3. To prepare the student to comprehend and perform well the duties of American citizenship by an examination of the evolution and practical workings of our national government and municipal and other local administrations.

4. To give the breadth of sympathy and judgment that comes from an understanding of the growth and relations of peoples, literatures, ideas and institutions.

Courses in History.

1. MEDIEVAL EUROPE: An outline course upon the history and the institutions of Europe during the Middle Ages. Instruction is given by lectures, text-book and collateral reading. Prerequisite, 9 majors of college work. *Winter, 8.*
2. MODERN EUROPE: An outline course with collateral reading. Prerequisite, course 1. *Spring, 8.*
3. ENGLAND FROM THE TIME OF THE TUDORS: Prerequisite, course 1. *Fall, 8.*
4. THE ERA OF THE FRENCH REVOLUTION. Prerequisite, courses 1 and 2. *Winter, 10:30.*
5. AMERICAN COLONIAL HISTORY: Prerequisite, courses 1 and 2. *Spring, 10:30.*

ECONOMIC HISTORY: See Course 1, department of Sociology and Economics.

[SOCIAL HISTORY: See course 6, department of Sociology and Economics.]

Note.—Courses 3, 4, 5 may be withdrawn in 1900-'01.

Courses in Political Science.

1. AMERICAN POLITICS: Bryce's *American Commonwealth*; the facts learned from the text-book used in the development of the theory of Political Science. Prerequisite, credit for 9 college majors. Must be followed by Course 2, or by Course 1 in department of Sociology and Economics. *Fall, 9.*
2. PROBLEMS OF MUNICIPAL GOVERNMENT: A comparative study of the charters and practical workings of the municipalities of Indianapolis, St. Louis, Chicago, New York, Glasgow, Birmingham, Manchester, London, Paris, Hamburg, Berlin. Particular attention will be paid to methods of control of public works. Prerequisite, credit for 12 college majors, including Course 1. *Winter, 2.*
- [3. COMPARATIVE CONSTITUTIONAL GOVERNMENT: A comparative study of the constitutions and constitutional law of the United States, Great Britain, Germany and France. The constitutions will be studied as expounded by Burgess, with frequent reference to the works of Dicey, Bryce, and Laband. Prerequisite, credit for 18 college majors, including Course 1.]
- [4. INTERNATIONAL LAW: A study of the leading principles of international law, and an examination of important cases illustrative of those principles. A number of recent cases in which the United States has been interested will receive particular attention. Prerequisite, credit for 15 college majors, including Course 1.]
- [5. ROMAN LAW: Lectures on the history of the Roman Law, followed by a study of the text of Justinian's Institutes. This course is intended to serve as an introduction to the principles

of law, and may profitably precede such courses as are given in law schools. Prerequisite, credit for 15 college majors, including Course 1.]

BIBLE.

PROFESSOR HALL.

General Statement. The educational purposes of the institution, by the terms of its organic law, are made to include religious instruction. Its charter expressly declares that one of the objects for which it is founded is "to teach and inculcate the Christian faith and Christian morality as taught in the sacred scriptures;" and it was intended that this instruction should be, not sectarian, nor even denominational, but broad, catholic and philanthropic as Christianity itself. In pursuance of this purpose the revised version of the Bible is adopted as a text-book. Instruction is by lectures, discussions and reports, students being required to study with care those portions of the Bible embraced in the lectures.

For courses of instruction in Bible, see announcements of Bible College.

BIOLOGY.

PROFESSOR BRUNER.

General Statement. This department aims (1) to meet the demands of liberal education, and (2) to prepare students for teaching, investigation and medicine. The elementary courses in zoölogy and botany are designed partly to meet the first demand, and partly to furnish a basis for more advanced work.

The method of instruction recognizes the value both of the ideas of science and of discipline; it emphasizes general principles, and at the same time encourages the acquisition of the methods and habits of scientific investigation. Lectures and recitations go hand in hand with practical work, in which each student is required to make a faithful record of his observations.

Courses 1, 2 and 3 in zoölogy form a continuous series, occupying

one year, and are prescribed for those students, candidates for a degree, who elect biology as their required science. In all cases, whether taken to meet the requirements for graduation or not, all three courses must be taken in order to receive credit. Students from other institutions may offer an equivalent for one or more of these courses.

A laboratory fee of three dollars per term is charged in each of the following courses, excepting 6 and 7, for which the charges are indicated below.

Courses in Zoology.

1. ELEMENTARY ZOÖLOGY: (a) General introduction. The most important characteristics of living matter; structure and properties of the cell; origin of tissues and organs.
(b) An outline of the structure, functions and classification of Protozoa, sponges, Coelenterata, worms, Echinodermata.

Fall: { *Lectures, Tues., Fri., 9.*
 Laboratory, Tues., Wed., Thurs., 2-4.

2. ELEMENTARY ZOÖLOGY (continued): Molluscoidea, Arthropoda, Mollusca.

Winter: { *Lectures, Tues., Fri., 9.*
 Laboratory, Tues., Wed., Thurs., 2-4.

3. ELEMENTARY ZOÖLOGY (continued): (a) The vertebrate type and its chief modifications; laboratory work on Amphioxus, dogfish, frog, lizard, pigeon, mammal.

(b) Outline of the theory of evolution.

Spring: { *Lectures, Tues., Fri., 9.*
 Laboratory, Tues., Wed., Thurs., 2-4.

4. HISTOLOGY: A study of the minute anatomy of a typical mammal, including technique. A general survey of instruments and methods is followed by a systematic treatment of the tissues and organs. Prerequisite, course 3.

Stöhr's Histology or Piersol's Normal Histology.

Fall: { *Lectures, Thurs., Sat., 11:30.*
 Laboratory, Wed., Thurs., Fri., 2-4.

5. EMBRYOLOGY OF VERTEBRATES: Lectures on segmentation, the

formation of the germ layers and the development of organs; practical study of the chick and frog (or salamander).

Must be preceded by courses 3 and 4.

Winter: { *Lectures, Thurs., Sat., 11:30.*
 { *Laboratory, Wed., Thurs., Fri., 2-4.*

6. **PHYSIOLOGY:** A course in human physiology, including recitations, demonstrations and practical exercises in the laboratory. A fee of one dollar and fifty cents is charged. *Martin's Human Body.* *Spring, 11:30.*

[7. **COMPARATIVE ANATOMY OF VERTEBRATES:**

(1) A review of the classification and development of vertebrates.

(2) A study of physiological mechanisms—skeleton, muscular system, nervous system, sense organs, respiratory systems, urinogenital system.

Open to students who have taken courses 1, 2 and 3.

Laboratory fee, four dollars.

Weidersheim and Parker's *Comparative Anatomy* and Marshall and Hurst's *Practical Zoölogy*.]

- [8. **MAMMALIAN ANATOMY:** This course is intended for students who desire an acquaintance with the structure of the mammalian body as a preparation for work in physiology, anatomy and medicine. The microscopic anatomy of the nervous system and sense organs receives due attention.

Gorham and Tower's *Dissection of the Cat*, supplemented by reference to the department library.]

- 9, 10, 11. **SPECIAL WORK:** Students who have had sufficient preliminary training will be assigned special problems in histology, embryology or vertebrate anatomy. Daily through year.

Courses in Botany.

1. **ELEMENTARY BOTANY:** The structure of the cell; reproduction and reproductive organs; symbiosis; alternation of generations:

development of the shoot; the tissues of plants; heterospory; flowers and their significance; seeds; physiology.

Winter: { *Lectures, Wed., Sat., 10:30.*
Laboratory, Tues., Wed., Thurs., 2-4.

2. **ELEMENTARY ECOLOGY:** A course for teachers and general students. The adaptations of plants to their physical surroundings and to other organisms; the significance of plant structures; adjustment to varying conditions; plant societies.

Spring: { *Lectures, Wed., Sat., 10:30.*
Laboratory and Field Work, Wed., Thurs.,
Fri., and occasionally Sat., 2-4.

CHEMISTRY.

PROFESSOR KARSLAKE.

General Statement.

The courses offered in this department are primarily designed to meet the wants (1) of those desiring a general knowledge of the subject, and (2) of those feeling the need of more advanced work in order to prepare themselves for research work, teaching, medicine or other professions. The full course of work extends over a period of four years, and has been so arranged as to make it possible for a student, by election, to take the whole of it if he so desires. Arrangements have been made whereby the work done in this department will be accepted by the Medical College. The courses offered here are also open to special students.

The instruction is given by means of lectures, recitations and laboratory work. The lectures are fully illustrated by numerous classroom experiments, and are supplemented by recitations, written exercises, written examinations, stoichiometrical problems and laboratory work.

The equipment of the department is good. The lecture-room is fully supplied with apparatus and all of the modern facilities for the experimental illustration of the different lecture courses. The laboratories are well furnished, being conveniently arranged and supplied with tables, re-agents, gas, water, hoods and all the necessary facilities to enable the student to carry on the lines of work laid out

in the several courses. To each student is assigned his own desk, with separate outfit of apparatus and chemicals.

Courses.

- 1, 2. GENERAL INORGANIC CHEMISTRY: Elementary. The non-metals. Lectures, recitations and laboratory work. The lectures, which are fully illustrated by experiments, are devoted to a discussion of the facts and theories of chemistry, to the use of symbols and equations and the solving of chemical problems, together with the history, occurrence, preparation and properties of the elements and their principal compounds.

Fall, Winter: { *Lectures, Tu., Wed., Thurs., 9.*
 { *Laboratory, Tues., Wed., Thurs., 2-4.*

3. GENERAL INORGANIC CHEMISTRY: Elementary. The metals. Lectures, recitations and laboratory work. A supplementary continuation of courses 1, 2. Also elementary qualitative analysis. Prerequisite, courses 1, 2.

Spring: { *Lectures, Tu., Thurs., 9.*
 { *Laboratory, Tues., Wed., Thurs., Fri., 2-4.*

4. QUALITATIVE ANALYSIS: Advanced. Lectures, recitations, and laboratory work. This course will include the analysis and reactions of all the important acids, a study of oxidation and reduction reactions, and a comparison of different methods of separation of the bases. Prerequisite, course 3.

Fall: { *Lectures, Fri., Sat., 9.*
 { *Laboratory, Tu., Wed., Thurs., Fri., 2-4.*

- 5, 6. QUANTITATIVE ANALYSIS: Lectures, recitations and laboratory work. Course 5 is an introduction to quantitative methods and the chemistry upon which these methods are based. Analysis of salts, alloys, etc., principally by gravimetric methods. Course 6 chiefly concerns itself with special and quick methods (mostly volumetric) for the analysis of sanitary and technical products. Lectures one hour a week. Prerequisite, course 3.

Winter, Spring, 2-4.

- 7, 8. GENERAL ORGANIC CHEMISTRY: Lectures, recitations, and laboratory work. The principles of organic chemistry, together

with the preparation and the study of the properties of a series of typical compounds of carbon. This course is especially recommended to those desiring a good general knowledge of elementary organic chemistry. Prerequisite, course 3.

Fall, Winter: { *Lectures, Wed., Thurs., Fri., 11:30.*
Laboratory, Wed., Thurs., Fri., 2-4.

9. **ADVANCED INORGANIC CHEMISTRY:** Lectures, recitations and laboratory work. Chiefly concerned with the principles of theoretical chemistry, chemical philosophy, physical chemistry and laboratory experiments illustrating the same. Preparation of a few of the more difficult typical inorganic compounds. This course is especially recommended to those who desire a more thorough knowledge of the principles and facts of general chemistry than is given in the elementary courses. Prerequisite, course 3.

Spring: { *Lectures, Wed., Fri., Sat., 9.*
Laboratory, Wed., Thurs., Fri., 2-4.

- 10, 11, 12. **SPECIAL WORK:** Students who have had the above mentioned courses, or their equivalent, will be assigned special work in general chemistry, quantitative analysis, physical chemistry or organic chemistry. Daily through the year.

The laboratory fee for courses 1, 2 and 3 is \$3.00; for all other courses is \$4.00. These fees are for each term, *payable in advance*. The more expensive chemicals, breakage and other damage to apparatus will be charged extra.

PHYSICS.

PROFESSOR KARSLAKE (in charge).

General Statement.

The courses offered in this department aim to present the subject of General Physics in a more thorough, careful and extended manner than is the case in an elementary presentation of the subject. The instruction is given by means of text-book and lectures, which are fully illustrated by numerous class-

room experiments and are supplemented by recitations, written examinations and the solution of problems. Taken together, the courses offered are equivalent to one year's work, and are so arranged as to enable a student to take them all if he so desires. They are open only to those who have had Elementary Physics (see Entrance Requirements), and course 1 in Mathematics.

Courses.

1. GENERAL PHYSICS—Mechanics and Heat.

Mechanics—Laws of Motion; Falling Bodies; Projectiles; Statics; Energy; Moment of Inertia; Hydrostatics; Capillarity; Hydraulics, etc.

Heat—Nature; Sources; Distribution; Effects; Calorimetry; Thermo-dynamics, etc. *Spring, 8.*

[2. GENERAL PHYSICS—Sound and Light.

Sound—Nature; Sources; Reflection; Intensity; Interference; Pitch; Quality; Harmony, etc.

Light—Nature; Sources; Reflection; Refraction; Polarization; Interference; Dispersion; Color, etc.]

[3. GENERAL PHYSICS—Magnetism and Electricity.

Magnetism—Magnets; Polarity; Induction; Lines of Force, etc.

Electricity—Frictional; Voltaic; Effects of Electric Currents; Electrical Quantities; Electro-dynamics, etc.]

GEOLOGY.

PROFESSOR BRUNER (in charge).

General Statement.

The instruction offered in this department is intended as an introduction to the entire field of Geological science. The subject-matter of the course is believed to include that which is most interesting to the student, and at the same time most valuable to the average citizen. The collections in the museum are of great value for illustration of the work outlined below.

Courses.

1. **ELEMENTARY GEOLOGY:** (a) The dynamical agencies and their work, as illustrated in denudation, earthquakes, volcanoes, coral reefs and islands, glaciers, etc.
 (b) The structure of the earth's crust; stratified igneous and metamorphic rocks; origin of mountains; faults, dykes, mineral veins.
 (c) Historical Geology. The development of the North American continent; the evolution of the life of the globe.
 Scott's Introduction to Geology. *Fall, 10:30.*
- [2. **ECONOMIC GEOLOGY:** Sketch of the geological history of the United States; description of rocks and rock and vein-forming minerals; the mineral resources of the United States.
 Tarr's Economic Geology of the United States.]

MATHEMATICS AND ASTRONOMY.

PROFESSOR HARKER.

General Statement. Originality and precision, which are so important factors in a well developed and active intellect, demand first attention in the study of Mathematics. It is therefore the primary aim of this department to cultivate the habit as well as the ability of original investigation and of arriving at correct conclusions. To this end, rigor in demonstration and the rejection of hypotheses without sufficient proof are insisted upon.

It is believed that the courses outlined below will furnish a sufficient basis for the study of higher Mathematics and related subjects. With this aim in view, constant care must be exercised in the proper correlation of Mathematics with the other sciences.

Since the subject of Mathematics occupies so important a place in the curricula of our secondary schools, it is hoped that the work here offered shall be presented in such a manner as to furnish proper methods of instruction to those desiring to teach.

The courses in Astronomy are designed (1) for the general student, (2) as a basis for more advanced courses in practical and theoretical

astronomy, while the courses in Mechanics prepare students for work in celestial mechanics and in advanced physics.

Courses in Mathematics.

1. PLANE TRIGONOMETRY: The design of this course is to develop the fundamental principles, careful attention being given to their application in the solution of triangles. Due attention will be given to Analytical Trigonometry, and to the relation of Trigonometry to other courses in Mathematics. *Fall, 11:30.*
2. ADVANCED ALGEBRA: In this course the Theory of Quadratics and the Theory of Indices will be briefly reviewed; the greater part of the term, however, will be given to a careful study of the Binomial Theorem, Permutations, Series, Undetermined Coefficients and Theory of Limits. *Winter, 11:30.*
3. PLANE ANALYTICAL GEOMETRY: The application of Algebra to Geometry. The memorizing of a mass of formulas is discouraged, the student's attention being directed rather to the methods employed. Prerequisite, course 1. *Spring, 11:30.*
4. DIFFERENTIAL CALCULUS: Since this is a decidedly new field to the student, the transition is made cautiously. The Theory of Limits, treated in course 2, furnishes a starting point for this transition. Prerequisite, courses 1, 2, 3. *Fall, 8.*
5. DIFFERENTIAL AND INTEGRAL CALCULUS: This is a continuation of course 4, about eight weeks being devoted to Differential Calculus and four weeks to Integral Calculus. In this course special attention is given to the applications of Calculus to Geometry. *Winter, 8.*
6. INTEGRAL CALCULUS: Continuation of course 5. Besides the development of the rules and methods of integration, due attention is given to the applications to Geometry and Mechanics. *Spring, 8.*
7. SOLID ANALYTICAL GEOMETRY: The development of the theory in this course is supplemented by the solution of numerous prob-

lems. The interpretation of various forms of equations receives due attention in this and course 3. Prerequisite, course 3.

Winter.]

8. THEORY OF EQUATIONS: Prerequisite, course 4. *Spring, 9.*

[9. THEORY OF EQUATIONS AND DETERMINANTS: Continuation of course 8 for the first part of term, followed by an elementary treatment of Determinants. Prerequisite, course 8. *Fall.]*

10. ADVANCED INTEGRAL CALCULUS: Definite Integrals including Gamma and Beta Functions. Prerequisite, course 6. *Fall, 9.*

11. ADVANCED INTEGRAL CALCULUS: Fourier Series, Multiple Integration, Elliptic Functions. Prerequisite, course 10.
Winter, 9.

[12. DIFFERENTIAL EQUATIONS: Ordinary and Partial Differential Equations. Prerequisite, course 6. *Spring.]*

Courses in Astronomy and Mechanics.

1. GENERAL ASTRONOMY: The treatment of the subject is non-mathematical and is designed for those who desire to pursue the work as a means to general culture. The underlying principles of the science of Astronomy are emphasized. The telescope will be used in connection with the study of the Solar and the Stellar Systems. *Fall, 3.*

2. GENERAL ASTRONOMY: The subject in this course is treated somewhat more in detail and is slightly mathematical. Prerequisite, Mathematics, course 1. *Winter, 3.*

3. GENERAL ASTRONOMY: A continuation of course 2. At least one night in the week will be given to constellation study and observational work. *Spring, 3.*

[4. PHYSICAL ASTRONOMY: This course is given principally by means of lectures. Prerequisites, courses 2, 3, and Mathematics, course 5. *Spring.]*

- [5. ANALYTICAL MECHANICS—STATICS: General Principles, Composition and Resolution of Forces, Center of Gravity, Friction, Machines. Prerequisite, Mathematical course 6. *Fall.*]
- [6. ANALYTICAL MECHANICS—DYNAMICS: Rectilinear Motion, Curvilinear Motion, Motion Under the Action of a Variable Force, Motion in a Resisting Medium, Central Forces, Constrained Motion, Impact, Work and Energy, Moment of Inertia. Prerequisite, course 5. *Winter.*]

PHYSICAL CULTURE.

PROFESSOR KELLY, DIRECTOR.

General Statement.

The department of Physical Culture is established with the view of promoting the best health of the individual, to enable him to co-ordinate muscular movements more quickly, and with grace, to provide for greater physical symmetry, and to inculcate a knowledge of the functions of his own body. To facilitate these ends a modern college gymnasium has been provided, well equipped with necessary apparatus and furnished with good dressing-rooms, lockers and shower baths. The gymnasium building is under the complete supervision of a competent director, or his assistant, in whose absence the building will be closed. Dangerous exercises and "tricks" will not be encouraged, since the department does not aim to develop athletes. As far as possible all gymnasium and class work will be based upon careful physical examination of the vital organs, muscular symmetry and strength tests, the records of which are, at all times, open to the student or his parents. All practical work in the department is Hygienic, Corrective, Pedagogical and recreative in nature, and all students will be required to complete six-term work for graduation, three of which must be taken in either the Freshman or Sophomore year.

Students debarred from exercise by some physical disability, or continued medical treatment, will be compelled to furnish a certificate from some reputable physician, stating nature of the disability, length of time student has been under medical treatment, and defi-

nite reasons for acceptance of excuse. These certificates must be presented to the director in charge of the department at the beginning of each term, the college reserving the right to accept or reject the same, if the above requirements are not fulfilled, or if, upon investigation, the student is judged capable of taking the work. Provision will be made for special work for any students incapable of taking regular course work, the director co-operating with the physician in endeavoring to secure the best results for the student.

Gymnastic costumes will be required of all students taking work in the Department of Physical Culture. These must be worn during all class exercises, and no student will be allowed the gymnasium floor unless clad in the regulation costume. The costume of the young ladies will consist of bloomers and blouse (or sweater), preferably of same dark material, and rubber soled shoes. The costume of the young men will consist of the regulation Turner trouser, quarter sleeve Jersey shirt and rubber soled shoes, costing in all about \$3.50.

Courses.

(Courses marked *a* are for men, *b* for women.)

- 1, *a*. Military marching, Swedish work, dumb-bell drills, high horizontal bar exercises with swings, parallel bar exercises in traveling leg and thigh work, gymnasium games.

Fall.

b. Military marching and beginning of fancy steps, Swedish work adapted to the needs of the class, horse work, turning exercises in various seats, medicine ball exercises, bringing muscles of chest, waist and back well into play, gymnasium games.

Fall.

- 2, *a*. Military marching, Swedish and dumb-bell drills (prerequisite, course 1). Buck, distance vaults with various turns. Side-horse, vaults with turns. Long-horse, distance springs, and vaults. Rings, swinging exercises in various hanging positions.

Winter.

b. Marching and development fancy steps in evolution. Swedish drills, in progression. Indian clubs, two circle combinations.

Parallel bars, various seats and rests. High horizontal bar, exercises in straight and flexed arm hangs.

Winter.

- 3, *a*. Military marching, given in double time. Swedish work, heavy movements of broad range and rapid progression. Dumb-bell drills. Roberts, given rapidly. Side-horse, feints with vaults and circles. Parallel bars, keppes, rolls and springs, given separately, special attention being paid to form. Athletic work. Pole vault, high jump, etc.

Spring.

b Continuation and further development of work proposed in course 2 *b*.

Spring.

- 4, *a*. Marching. Wands, heavy movements in three combinations. Indian clubs, follow movements with two or three combinations. Low horizontal bar, advanced circles, leading up to heavier circles upon high bar. Mats, snap up, head, hand and neck springs.

Fall.

b. Marching. Swedish work, adapted to needs of class. Indian clubs, two-circle combinations and follow movements. Side-horse circles and seats. Mats, various exercises for co-ordination, and muscular control. Gymnasium games.

Fall.

- 5, *a*. Marching. Wands, heavy movements leading into postures. Indian clubs, follow movements with beginning of horizontal wrist movements. Parallel bars, combinations with rolls, shoulder stands, hand-springs, etc. Side horse advanced combinations in circles and turns. Basket ball.

Winter.

b. Marching. Indian clubs (continuation of course 4 *b*). Poles, two-movement combinations. Apparatus work adapted to needs of the class. Basket ball.

Winter.

- 6, *a*. Marching. Indian clubs (continuation of course 5 *a*). Dumb-bell drills, heavy. Mats: work in rolls, dives and springs, with combinations of the same. Athletic work.

Spring.

b. Marching. Indian clubs, three and four circle combinations.

Poles, three movement combinations. Apparatus adapted to needs of the class. *Spring.*

MUSIC.

CLARENCE FORSYTH, DIRECTOR.

It is the aim of the College to furnish opportunity for thorough training to those who may wish to become professional musicians; also to provide for the general student a means of practical acquaintance with musical art. The work, conducted in a school connected with the College, but not an organic part thereof, is divided into theoretical and practical courses of study. Only the theoretical courses may count toward an academic degree, which courses see under School of Music on page 77. It is further stipulated that these courses shall be allowed credit as college subjects only under the following conditions: 1. That each such course shall be counted only as a minor credit, and then only in case it be given by the director of the School of Music. 2. That such credit shall be given only to persons entitled to rank as college students.

ART.

MISS TAYLOR, DIRECTOR.

The work in art is conducted in a school connected with the college, but under separate management. Free class work is afforded students in college, and also special courses as indicated under School of Art on page 79 of this catalogue. Courses in the Art School do not receive college credit.

SCHOOL OF MUSIC.

CLARENCE FORSYTH, DIRECTOR.

The School of Music is separate from the College, having its own management and imposing its own fees. Its courses of instruction are divided into theoretical and practical. College credits are allowed for the theoretical courses only and on conditions stated under Department of Music on page 76 of this catalogue. A special diploma, however, will be given by the School of Music under the following conditions: 1. The student shall complete successfully a four years' course in music and show himself qualified to act as teacher or to appear as soloist. 2. He shall include in his studies the first, second and third courses in the theory of music and twelve majors of college work.

Theoretical Courses.

1. HISTORY OF MUSIC from its earliest stages: History of Church Music from the time of Gregory: History of Opera and Oratorio: study of the works of famous composers with practical illustrations.
2. HARMONY: The study of chords, their construction, relations and progressions; harmonization of given melodies; exercises from figured basses and analysis.
3. COUNTERPOINT: The study of counterpoint, canon, fugue and analysis.
4. COMPOSITION: Practical study of composition in both small and large form.
In courses 2, 3, 4, piano playing is a prerequisite.

Practical Courses.

The courses in practical music consist of instruction in playing the piano, violin, violoncello and in singing.

Only individual lessons are given in these courses.

Fees for Instruction.*Theoretical Courses.*

Two hours weekly\$12 per college term of 12 weeks.

Practical Courses.

PIANO (For students taking the regular course in music): Two half-hour lessons weekly with Mr. Forsyth.

..... \$36 per college term of 12 weeks.

PIANO (For other persons): Two half-hour lessons weekly with Mr. Forsyth \$48 per college term of 12 weeks.

PIANO: Two half-hour lessons weekly with Miss Jeffries.

..... \$24 per college term of 12 weeks.

SINGING: Two half-hour lessons weekly with Miss Galvin.

..... \$24 per college term of 12 weeks.

VIOLIN OR VIOLONCELLO: Two half-hour lessons weekly with Mr. Schellschmidt..... \$24 per college term of 12 weeks.

Students taking the regular course in music for a single subject in College will be charged but one-third (\$5) the regular tuition.

NOTE—The Vose & Sons' piano used in the chapel for concert purposes has been kindly furnished by Emil Wulschner & Son, 128-130 N. Pennsylvania St., Indianapolis.

SCHOOL OF ART.

MYRTLE LEWELLYN TAYLOR, DIRECTOR.

Offers free class work to all students in College or preparatory. The facilities are of the very best and the constant aim is to establish a School of Art first-class in every respect. The School of Art is separate from the College and charges its own fees. College credits are not allowed for work done in Art School.

Courses.

1. FREE-HAND: Principles of free-hand drawing, linear perspective, light and shade. Instruction in pencil and charcoal.
2. DRAWING FROM CASTS AND STILL LIFE: Charcoal.
3. DRAWING FROM MODEL: Charcoal.
4. PEN SKETCHING from model.
5. FLAT COLORING AND WASH WORK.
6. CARTOONING in black and white, also color.

Class time required in above courses.....2 hours per week
Cost of material in class.....\$1.00 per term
Tuition, regular courseFree

7. WATER COLORS: Studies of color in *Landscapes*, 4 summer studies; 2 winter and 1 delf.
8. FLOWERS: Simple and in group. Dutch method.
9. Heads and figures.

Class time required in courses 7, 8, 9.....3 hours per week
Cost of material, paints, brushes and paper.....\$1.40
Tuition, special course..... 4.00

10. CHINA PAINTING: Complete instructions, including Figure and Floral Decoration, Dusted Tintings, Raised Paste, Jewels and all gold work.

Class time required.....	3 hours per week
Materials, paint brushes and oil.....	\$1.60
Burnings, extra-plates, 1/2 doz.....	.50
Tuition, special course.....	4.00

SUMMER SCHOOL.

JULY 1 TO AUGUST 10, 1901.

Educational Purpose.

The object of the Summer School is to furnish instruction (1) to those who now teach, or expect to teach, in graded schools, high schools, and academies, in order that they may better prepare themselves for such work by getting a larger view and a more thorough and accurate knowledge of the subjects taught; (2) to principals and superintendents who desire aid to the better understanding of the theory and practice of their work; (3) to students who expect to enter this college, or some other college, but whose preparation is deficient; (4) to students who are already in college, but who are in arrears in some portion of their work; (5) to others who either have in mind to work at some future time for an academic degree or who wish to avail themselves of opportunities for general culture and learning, but whose only leisure for systematic study is in the summer vacation.

Courses of Instruction.

During the summer of 1901 courses of instruction will be given in Latin, Greek, German, French, Spanish, English, Education and Teaching, Psychology, Ethics, Social Science, Mathematics, Biology, Chemistry, Music and Physical Culture.

While a few of these courses are more or less introductory, being intended to meet the needs of beginners, each will nevertheless be distinctly of a college grade and will require about all the time that can well be devoted to it.

Special Lectures. In addition to the above-mentioned courses, a series of lectures will be given by members of the Faculty, and by other well-known educators, upon topics of educational interest to all.

These lectures will be open, *without charge*, to those persons who are enrolled as members of the Summer School. They will be held either in the afternoon or evening in the College Chapel.

Terms of Admission. There will be no formal examinations for admission. Students, both men and women, will be admitted to such courses as they are found qualified by the respective instructors to pursue to advantage. Applicants, therefore, will communicate with the instructors in whose departments they intend to study in order to obtain their approval for applications filed in their respective courses. Unless otherwise stated, the regular class instruction of the Summer School will begin promptly on July 2 and close on August 10, the courses of instruction extending over a term of six weeks. After July 9, no change of courses will be allowed, nor will credit for attendance be given to students entering after that date.

Registration. Students are requested to present themselves for registration on, or before, July 1, from 9 to 12 A. M., and 2 to 4 P. M., at the office of the registrar, room 8, main building. Before entering classes all students must register for the courses they intend to pursue and no credit (nor certificate) will be given to any student who takes a course for which he is not registered. Before entering classes fees must also be paid.

Fees. The regular tuition fee will be \$10 for each major course, and \$6 for each minor course taken.

Students taking laboratory work will be charged an additional fee of \$3 for each major course and \$1.50 for each minor course, plus breakage or other damage to apparatus.

FEES MUST BE PAID AT THE TIME OF REGISTRATION.

Total Cost. It is believed that the total expense involved in attendance upon the Summer School, including tuition fees, may readily be kept below \$40. In no event need it exceed \$60.

Examinations. On August 9 and August 10 stated examinations will be held in the several courses. These examinations must be

satisfactorily passed in order to secure either a certificate or credit for work done.

Credit for Work. Students who pursue and satisfactorily complete the work of any of the courses in the Summer School will be granted a certificate upon request.

Regularly matriculated students of Butler College, or those who afterward become so, will receive credit for work pursued and satisfactorily completed in the Summer School, so far as that work meets the requirements of the College for graduation. No student will receive credit for work done to the value of more than two majors.

Consultations. The secretary of the Summer School and the several instructors will be at the College for the purpose of consulting with students in regard to their work on July 1, from 9 to 12 A. M. and 2 to 4 P. M.

Suggestions to Students. It is of the utmost importance that students be present at the opening of the School, as the introductory work is peculiarly valuable. For this reason students should not postpone registration beyond July 1.

IT WILL FACILITATE THE WORK OF REGISTRATION, AND WILL PROMOTE THE CONVENIENCE OF THE STUDENTS THEMSELVES, IF THOSE INTENDING TO BE PRESENT AT THE SUMMER SCHOOL WILL NOTIFY THE SECRETARY OF THAT FACT AT AS EARLY A DATE AS POSSIBLE, INDICATING WHAT COURSE OR COURSES THEY PROPOSE TO ATTEND. ATTENTION IS CALLED TO THE REGULATION THAT NO STUDENT WILL RECEIVE CREDIT FOR WORK AMOUNTING IN VALUE TO MORE THAN TWO MAJORS.

For other and more detailed information, application should be made to the Secretary of the Summer School, Butler College, Irvington, Ind.

TEACHERS' COLLEGE STUDY DEPARTMENT.

General Statement.

This department of the College is organized to meet the needs of those persons who either have in mind to work some time in the future for an academic degree or wish to avail themselves of opportunities for general culture and learning under conditions consistent with their professional work. The Teachers' College Study Department is practically an application of the College to busy people. This is the ideal of any University, and the movement is itself the outgrowth of the general demand for facilities for intellectual training for those who are not able to leave their professions for regular attendance at College.

The Teachers' College Study Department for the present will restrict itself to the same kind of work as that of the College of Arts, except as to time and place, and in some degree, form of instruction. The courses given will be equal in strength to the same courses in the College, and credit for any one course will equal one major in the College and will be so accepted. No attempt will be made to deal with the methodological side of the studies, nor especially to adapt them to direct use in the school-room. The aim is purely scientific and scholarly, to broaden the general culture of the teacher rather than to furnish him another particular pedagogical method. This makes it possible to give the work regular College standing.

Without doubt, many teachers who are now graduates of high-schools are planning at some time to complete a regular college course in response to the growing demand for college-trained teachers in the public schools. No doubt, opportunities will be cordially accepted by these which make it possible to do a large part or all of the work required for the college degree without giving up regular teaching. After taking these courses for several years, one may be enabled to complete his college course with a comparatively short period of continuous study at the College, or if facilities are offered, he may be

able to take the whole course and receive the degree without any residence work at the College.

Because of the affiliation between Butler College and the University of Chicago, credits obtained through this Department will be given the same value by both schools. Also by virtue of the affiliation, part of the course can be taken at Butler College and the rest at the University of Chicago without any loss of time, and the degree granted by Butler College will be regranted by the University of Chicago on the completion of three months of residence work there.

Credit toward a degree will be given only to those who fulfill the requirements of the college, but unclassified students will be given credit for work done on the same basis as the unclassified students of the college. Credit will be given on the basis of the class-room grade and the examination which is held at the close of the term.

The courses are open to all persons capable of enjoying the work, but primarily the interest will be for teachers. For this reason a line of studies is selected which will be especially useful to teachers. But at the same time, all of the courses offered are of sufficiently wide interest and importance to engage the attention of all who are interested in broadening their mental and moral outlook, whether they intend to complete a college course or not. All departments of the regular college are duplicated here.

In order to accommodate busy people, the classes will meet only once per week in two-hour sessions, unless otherwise indicated. The term will extend over twenty-four weeks. All courses are equal to one major of regular college work and are so credited.

Place and Hours of Instruction. The classes in the Teachers' College Study Department will begin October 29, in the rooms on the first floor of the Indianapolis High School Building, corner Pennsylvania and Michigan streets. Classes will be held from 4:30 to 6:30 P. M., and from 7:00 to 9:00 P. M. Saturday classes can be arranged for the morning. All laboratory work in connection with any course is done in the laboratories of Butler College.

Admission. 1. *Regular students.* Admission as regular students, *i. e.*, as candidates for college degree on the basis of work done in the Teachers' College Study Department, will be granted to any

person having completed the requirements for admission to the College of Arts. (See Butler College catalogue.)

2. *Unclassified students.* Any one who, in the judgment of the instructor, is qualified to do the work which he desires to undertake, may be admitted as an unclassified student.

Tuition. The regular tuition fee in the Teachers' College Study Department will be \$10 for each major course. At least \$1 must be paid at time of registration and half of the remainder before the Christmas vacation. An extra fee of \$3 is charged for laboratory work.

Degrees. 1. Candidates for a degree must present satisfactory evidence that they have complied with conditions for admission required for the degree in accordance with the rules of the College of Arts. (See Butler College catalogue.)

2. *Requirements for degree.* The A. B. degree of the college will be conferred on all students who have fulfilled the admission requirements and have taken also 36 major courses, provided the required courses of the college are included in these majors. A major in the Teachers' College Study Department is equal to a two-hour session each week for 24 weeks.

For further information or special circular, address the secretary at Irvington, Indianapolis.

ALBERTINA ALLEN FORREST,
Secretary in Teachers' College Study Department.

GENERAL INFORMATION.

Classification of Students. The classification of students is based on the number of credits due at the beginning of the year. All regular students, candidates for a degree, are registered as sophomores when they have seven major courses to their credit; as juniors, when they have eighteen; as seniors, when they have twenty-nine. Entrance conditions must be made good at once, and students fail of promotion beyond Freshmen class so long as they are in arrears to the extent of three entrance credits, and beyond Sophomore class if they have any entrance conditions. No one having more than six entrance credits in arrears shall be classed as a regular student.

Final Examinations of the Terms. Examinations in all courses of study are held at the close of each term in the same order as the regular recitations. Students are graded in each study pursued during the term. A student failing in an examination must make such failure good before the beginning of the next following collegiate year, otherwise he will be required to take the work over in the next succeeding class. Absence from examination counts as failure. A student taking an examination at a time other than that appointed for his class must first pay to the treasurer, for the benefit of the library fund, the sum of one dollar. Failure at examination entails forfeiture of class standing.

Term Reports. During the last week of each term a report of the attendance and proficiency of each student is prepared and sent to his parent or guardian, who is earnestly requested to give such report careful attention, or to notify the secretary of any failure to receive it. These reports should be preserved.

Students are graded on a scale of 100 as follows: 60 is passing grade, and 80 indicates a fair degree of excellence.

The term report made at the close of the spring term will indicate,

also, the student's arrears (if any) in entrance requirements and prescribed work, and will give the number of credits toward graduation due him, thus showing his classification for the beginning of the following year.

**Religious
Duties.**

All students are expected to attend daily morning devotional exercises in the college chapel.

Prizes.

1. At each commencement of the College, the Bachelors degree of the University of Chicago is conferred upon the member of the graduating class designated by the College as having sustained the highest average rank during the whole College course.
2. Three fellowships yielding free tuition in the University of Chicago for one year (three quarters) are granted annually to graduates of Butler College nominated by the College.
3. A prize of *twenty-five* dollars will be awarded to the student of Butler College who shall be selected as the representative to the State Oratorical Contest.
4. A prize of *fifteen* dollars will be given to the student of Butler College who shall receive second rank in the primary contest held annually for the selection of representative to the State Oratorical Contest.
5. A prize of *ten* dollars will be given to the student of Butler College who shall receive third rank in the primary Oratorical Contest.
6. A prize of *twenty-five* dollars will be given to the student of Butler College who shall receive the highest rank in its primary for the intercollegiate debate.
7. A prize of *fifteen* dollars will be given for the best essay, the contest to be held among members of the Sophomore class, and the award to be given the essayist receiving the highest grade.
8. A prize of *fifteen* dollars will be given in oratory, the contest to be held among the members of the Sophomore class and the award to be made to the orator receiving the highest rank.
- 9, 10. Two prizes each of *ten* dollars will be given in the annual Sophomore-Freshman debate to the students receiving the highest rank in their respective classes.

Payments to the College. The fees for tuition, incidentals, apparatus and library are payable at the beginning of each term, and the student, to be enrolled in class, must present to the instructor in charge the registrar's order of admission, with the treasurer's receipt for fees. These fees amount ordinarily to fifteen dollars per term, as follows:

Tuition fee, \$6 in script, costing.....	50
Incidental fee.....	\$12 00
Library fee	2 50
Total per term.....	\$15 00

A special fee is charged students having laboratory work, as follows:

In Chemistry, courses 1, 2, 3, per course.....	\$3 00
In Chemistry, other courses, per course.....	4 00
In Biology, per course.....	3 00

In addition to the above fees there is to be taken into the account a gymnasium suit, which, in the case of the young men, is furnished by the College, and the price of which will be payable along with the other fees at the beginning of the year. The price of this suit, including shoes, is \$3.50.

The young women provide their own gymnasium suits subject to the direction of the instructor.

A fee of \$1 is charged for special examinations. (See page 87.) A fee of \$1 is charged for registration, if the student presents himself for that purpose at any other than the times fixed in the College calendar. A fee of \$5 is charged each person taking the baccalaureate degree. The fee charged for the Master's degree is \$10. Fees must be paid before degree will be granted.

The tuition fees of non-resident graduate students are one-half the regular rate, plus the usual fee for special examinations.

Expenses of Residence. Following are estimates of yearly expenses calculated for the session of thirty-six weeks:

Tuition per year....	\$45 00	Tuition with laboratory fee added...	\$54 00
Room, board, etc...	100 00	Choice room.....	126 00
Books.....	15 00	Books	15 00
	<hr/>		<hr/>
	\$160 00		\$195 00

The above estimates for room and board are based on rates charged at College residence, board and lodging ranging from \$2.75 to \$3.50 per week according to location of room. The residence is under the management of Mrs. Geo. W. Brown, whose name is a guaranty of first-class accommodations. Board is obtainable in private families at from \$3 to \$4 per week. Students who feel it necessary to curtail expenses as much as possible will find rooms to let at lower rates, with facilities for independent house-keeping, or opportunity for the formation of clubs. See also "College Residence" on page 27.

Co-operative Club Board. A boarding club is organized each year, on the co-operative plan, in which students may obtain good table board at the lowest possible rates. A steward is elected by the club, who attends to the business of the club, and the character of the board can be made to suit the desires of the club members. The usual rate is about \$1.75 per week. Those who contemplate taking advantage of this opportunity for cheap board should address C. O. Dobson, Irvington, Indiana.

For further information address the secretary of Butler College, Irvington, Indiana.

Butler Bible College,

IRVINGTON, INDIANA.

1900-1901.

BIBLE COLLEGE.

FACULTY.

JABEZ HALL, A. M., Dean, Professor of Homiletics and Pastoral Theology.

A. B., Bethany College, 1865; A. M., Butler College, 1898; Pastor of the Christian Church, Wheeling, W. Va., 1865-'72; Euclid Av. Church of Christ, Cleveland, Ohio, 1872-'89; Seventh St. Christian Church, Richmond, Va., 1889-'97; Professor of Homiletics and Pastoral Theology, Butler Bible College, 1897- —.

BURRIS ATKINS JENKINS, A. M., B. D., Professor of New Testament Literature and Exegesis.

A. B., Bethany College, 1891; Graduate Student Yale University, 1892-'94; Graduate Student Harvard University, 1894-'95; B. D., *ibid.*, 1895; Williams Fellow, *ibid.*, 1895-'96; A. M., *ibid.*, 1896; Pastor Third Christian Church, Indianapolis, 1896-'99; Professor New Testament Literature and Exegesis, Butler Bible College, 1898- —; President University of Indianapolis, 1899- —.

CHRISTOPHER BUSH COLEMAN, A. B., B. D., Professor of Church History.

A. B., Yale College, 1896; Auburn Theological Seminary, 1896-'97; Chicago Theological Seminary, 1897-'98; The University of Chicago, 1898-'99; B. D., *ibid.*, 1899; Professor of Church History, Butler Bible College, 1899- —.

JOHN MCKEE, A. B., B. D., Professor of Hebrew and Old Testament Literature.

A. B., Butler College, 1884; Yale Divinity School, 1884-'87; B. D., *ibid.*, 1887; Graduate Student in Semitics, The University of Chicago, 1898-'99; Professor of Hebrew and Old Testament Literature, Butler Bible College, 1899- —.

ORGANIZATION

Relation to Butler College. The Butler Bible College is a distinct organization governed by its own Board of Trustees, separately incorporated, consisting of men well known among the Disciples of Christ. At the same time, however, that it maintains its separate identity, it takes advantage of certain opportunities accorded it by the trustees of Butler College. Its recitation rooms are in the buildings of Butler College; its students have the privileges of the dormitories, libraries, laboratories, gymnasium and other equipment of Butler College; and its matriculates are admitted to the classes of the College of Arts upon the same terms as the matriculates of Butler College.

Trustees. The Board of Trustees is composed of the following members:

A. B. Philputt, Indianapolis, Ind., President; W. S. Moffett, Irvington, Ind., Secretary and Treasurer; Z. T. Sweeney, Columbus, Ind.; J. H. McNeill, Muncie, Ind.; E. S. Ames, Irvington, Ind.; William V. Morgan, Indianapolis, Ind.; A. J. Frank, Columbus, Ind.; S. M. Cooper, Cincinnati, Ohio; Will G. Irwin, Columbus, Ind.; Jabez Hall, Irvington, Ind.; Timothy Bozart, Indianapolis, Ind.

The Financial Agent of the Board of Trustees is Robert Sellers, of Indianapolis, Ind.

Term of Study. The next annual term of study will begin simultaneously with that of Butler College on Monday, Oct. 1, 1900, and will continue until Thursday, June 27, 1901, when its commencement will be held in conjunction with that of Butler College.

Conditions of Admission. Three classes of students, who shall satisfy the faculty of their good moral character, may obtain admission to the courses of study in the Bible College, as follows:

- (1) Candidates for the degree of Bachelor of Arts in Butler College

may elect courses in the Bible College subject to the following requirements: Courses 1, 2 and 3, Old Testament Introduction; course 5, The Life and Epistles of St. Paul, and course 8, the Gospels and the Life of Christ, in the Department of New Testament Literature and Exegesis; and course 11, History of Missions, in the Department of Church History, are open to all students. Other courses are open only to students who have completed 18 college majors. Courses taken in the Bible College will count as regular college work, but in no case will credit be given toward the degree of Bachelor of Arts for more than 9 such courses.

(2) Bachelors of Arts of any college of good standing who desire to pursue graduate work, or who look forward to the degree of Bachelor of Divinity, or of Master of Arts, may become matriculates of the Bible College. The work in the Bible College is intended primarily for such graduate students. They are, moreover, upon the approval of the faculty, admitted to courses in Butler College on equal terms with academic students, provided that two-thirds of their work be taken in the Bible College.

(3) Special students, not candidates for a degree and not college graduates, but of mature age and attainments satisfactory to the faculty, will be admitted to the Bible College. If under 21 years of age the applicant must fulfill the requirements for admission to Butler College, must satisfy the faculty as to his ability to pursue the work, and must pay a fee of \$3.00 per term in addition to the regular tuition fee and other regular charges. All special students are subject to the same regulations in regard to prerequisites for courses, attendance upon classes, and nature of work, as apply to regular students.

Election of Courses.

For all courses in the Bible College except courses 1, 2 and 3 of the Department of Homiletics and Pastoral Theology, 5 and 8 of the Department of New Testament Literature and Exegesis, and course 11 of the Department of Church History, there is a prerequisite of 18 college majors or their equivalent. Students desiring to enter any courses with the exception of those specified, must, therefor, as a rule, complete two years of college work before they will be admitted.

As large a latitude as possible will be accorded students in the

election of their courses. It is, however, evident that in most courses a logical order is necessary, and no student will be admitted to any course who has not, in the judgment of the faculty, by previous studies fitted himself for such course. For schedule of recitations, see pages 2 and 106.

Courses enclosed in brackets will not be given in the year 1900-1901.

Degree. Work done in the Bible College and fulfilling the requirements specified in the catalogue of Butler College, on page 39, will count toward the degree of Master of Arts conferred by the College.

DEPARTMENTS OF INSTRUCTION.

HOMILETICS AND PASTORAL THEOLOGY

PROFESSOR HALL.

General Statement. In this department instruction will be given in the preparation and delivery of sermons. Students will, in addition to courses in Homiletics in the most approved text-books, be required to prepare outlines of sermons. The lives and style of the greatest preachers will be studied, and select ones of their sermons will be analyzed.

Instruction will also be given in the practical management of churches and pastoral care. Dean Hall's long experience among the best churches in the country enables him to give valuable aid to young men preparing for pastoral work. The subjects of city evangelization and of home and foreign missions will be taught both in the class-room and by institutes of lectures.

In addition to the regular work of this department, Dean Hall will also offer some courses in Hermeneutics and Old Testament.

Courses.

- 1, 2, 3. OLD TESTAMENT INTRODUCTION: On the basis of the Revised Version, a course will be provided for students, general in its character and scope. It will be the aim of this study to acquaint the student with the contents of the Old Testament, and the relations which it holds to the right understanding of the New Testament.
Fall, Winter, Spring, 8.
4. PROPÆDEUTIC: The object of this course is to furnish an outline of the various departments of theology; to define their nature, mutual relations, aim and boundary lines; to show their respective functions and values, together with the best methods of their study and the bibliography of the subjects. The student

will thus acquire a general view of the subjects which will engage his attention as he passes through his theological preparation for the work of the ministry, and so be the better prepared from the first to estimate the importance and relation of these studies.

Fall, 9.

5. HOMILETICS: The preparation and delivery of sermons will be taught with the aid of a text-book. Analysis and criticism of masterpieces, original plans, and sermons will be required, which will be criticised by the instructor. *Winter, 9.*

6. PASTORAL THEOLOGY: This study will be conducted with a suitable text-book, supplemented by institute lecture courses on "Modern Methods in Church Work," and on "City Evangelization." In this course the student will make investigations of the forms of organization and methods of work in the different denominations, both Roman Catholic and Protestant.

Spring, 9.

7. CHRISTIAN THEOLOGY: An outline of Christian Theology will be offered in the winter term. The object of the course will be to make the student acquainted with the sources and methods of the study, and especially to emphasize the importance of the scriptural material bearing on the doctrine of God, of man, of Christ, of the Holy Spirit and of the Last Things. A suitable text-book will be used in connection with lectures, and constant reference will be made to the bibliography of the subject. *Winter, 2.*

HEBREW AND OLD TESTAMENT LITERATURE.

PROFESSOR MCKEE.

General Statement.

The purpose of the work is to give a comprehensive grasp of the language and literature of the Old Testament, treating it as the foundation of the New Testament and unfolding the organic union of the two. The attempt is made to give the student an apparatus for real exegetical work which will enable him to use with pleasure and profit the Hebrew and its matchless literature.

Six major courses are offered. Students beginning Hebrew must

continue in it for at least three terms in order to obtain credit for courses taken.

Courses.

- 1, 2, 3. BEGINNING HEBREW: The first term will be devoted to a study of the first two chapters of Genesis, and of Harper's "Method and Manual" and "Elements." In the second term, Genesis iii-viii will be read as a basis for grammatical work. The third term will embrace work in historical Hebrew and Syntax. I Kings will be read, and Harper's "Elements of Hebrew Syntax" will be used as a text-book.

Fall, Winter, 2; Spring, 11:30.

4. DEUTERONOMY: Its origin, structure and influence upon subsequent books of the Bible in both Old and New Testaments. Prerequisites, courses 1, 2 and 3.

Fall, 11:30.

5. AMOS AND PROPHECY: Contemporary history will be noted; collateral reading is required. Prerequisites, courses 1, 2, 3 and 4.

Winter, 11:30.

6. EZEKIEL AND THE PRIESTHOOD: Contemporary history will be noted incidentally and a large amount of collateral reading will be required. Prerequisites; courses 1, 2, 3, 4 and 5.

Spring, 2.

NEW TESTAMENT LITERATURE AND EXEGESIS.

PROFESSOR JENKINS.

General Statement.

It is the purpose of this department to put the student in a position to acquire an intimate knowledge of the New Testament Scriptures. It is not so much the purpose to impart that knowledge as to teach the student how to acquire the knowledge for himself. To this end the principles of the Greek Grammar of the New Testament will be inductively taught upon the basis of the New Testament text itself. Thorough as well as cursory reading of the Greek Testament will be required, and such a general working knowledge of the New Testament will be imparted as will

enable the student further to pursue his studies systematically. Instruction in the doctrines of the New Testament and its homiletical value will not be neglected. Some idea of the state of the world at Christ's coming, of the literature then influencing mankind and especially the Hebrew people, a general knowledge of the life of Christ and the early years of Christianity, will be given.

For admission to the regular courses of this department, a working knowledge of Greek is indispensable. Among the following courses, such ones will be offered as students may elect or the time of the professor admit.

Courses.

- 1, 2, 3. NEW TESTAMENT GRAMMAR AND EXEGESIS: This course contemplates a thorough drill in the principles of the grammar of the Greek New Testament, and of New Testament exegesis, on the basis of a careful study of the Greek text of certain passages. Certain Gospels and Epistles will be more or less minutely read; and extended selections from the New Testament will be rapidly read, often at sight, to accustom the student to the easy handling of his Greek New Testament. Westcott & Hort's or the Revisers' Greek Text, Thayer's New Testament Lexicon, and Buttman's (or Winer's) New Testament Greek Grammar are required. *Fall, 11:30; Winter, Spring, 10:30.*
4. NEW TESTAMENT INTRODUCTION: This is a seminar course for advanced students. The Pauline epistles will be studied as to time and place of writing, object, destination, structure, doctrines, style, genuineness, etc. Weiss's New Testament introduction will be used as a basis. Weekly themes will be required. *Fall, 11:30.*
5. THE LIFE AND EPISTLES OF ST PAUL: This will be a course based upon the English text of the New Testament and designed to meet the needs of the academic students in their required Bible study. The course will be more or less popular, and an attempt will be made to render it attractive to the undergraduate student. The life of Paul will be chronologically studied with the

aid of the best popular works on the subject, and a text-book will be required. Occasional themes will be expected.

Winter, 11:30.

6. **ACTS OF THE APOSTLES:** This is a seminar course for advanced students, and consists of a minute and careful study of that book of the New Testament which, at present, forms the center of interest among many New Testament scholars. The problems connected with the introduction to the book will be carefully examined, and the text read.

Spring, 11:30.

- [8. **THE GOSPELS AND THE LIFE OF CHRIST:** This will be a course based upon the English text of the New Testament and designed to meet the needs of the academic students in their required Bible study. The course will be more or less popular, and an attempt will be made to render it attractive to the undergraduate student. The life of our Lord will be chronologically studied with the aid of the best popular works on the subject and a text-book will be required. Occasional themes will be expected.

Winter.]

CHURCH HISTORY.

PROFESSOR COLEMAN.

General Statement.

The field of Church History is so great that no attempt can be made to embrace it all in any single course or series of courses in the College curriculum. The aim of the Department is to give the student an acquaintance with the general development of Christianity in the world and a more comprehensive and detailed knowledge of a few of the more important stages and features of this development. To secure this end one general, outline course, and a number of courses in which particular periods of Church History are studied with as much detail as the time will permit, are offered.

The study can not be confined entirely to ecclesiastical events and doctrines. The points of contact between the church and the world require a frequent consideration of general history. In each period, therefore, the purpose will be to grasp and interpret the political,

social and literary, as well as the strictly religious movements. Economy of time, however, demands that chief emphasis be given to the latter, and much of the work must be done upon the assumption of a fair knowledge of general history and familiarity with methods of historical study on the part of the student. Students are, therefore, recommended to take as much of the college work in history as possible and are *required to complete at least one college course in history* (or present an equivalent to it) before they take any of the courses in Church History, except course 11.

The courses in Church History need not in all cases be taken in the chronological sequence of the ground they cover, but in certain cases this is necessary. Course 1 must precede all other courses except 2 and 4. In case the student chooses to begin his work with course 2 he must take courses 4 and 1 before he will be admitted to other classes in Church History.

Courses.

1. **OUTLINE OF CHURCH HISTORY:** This course will constitute an introduction to the study of Church History. The aim will be to get an orderly, systematic and connected view of the entire field of Church History, its epochs and turning points, its leading movements, events and characters. The instruction will be for the most part by lectures and by references to the literature of the subject. Prerequisite, one major of college work in history. *Fall, 10:30.*
2. **ANTE-NICENE CHRISTIANITY:** The origin of Christianity in history, the Apostolic age, spread of the Christian religion, development of doctrine and organization, to the time of Constantine. Prerequisite, one major of college work in history. *Winter, 3.*
- [3. **EARLY CHRISTIAN LITERATURE.** A seminar. Advanced work in the writings of the Ante-Nicene Fathers. *Spring.*]
4. **THE CHURCH OF THE EMPIRE;** This course will treat of the period from Constantine to Gregory I (313-590); the alliance of Church and State, the great councils, development of doctrine

and of the hierarchy, the Latin Fathers, and the beginning of the Medieval church. Prerequisite, course 1 or course 2.

Spring, 2.

6. CHRISTIANITY IN THE MIDDLE AGES. The rise, supremacy and decline of the papacy; the conversion of northern and western Europe; the spread and influence of monasticism; Scholasticism and the development of doctrine; religious life in the Middle Ages. Prerequisite, course 1.

Fall, 11:30.

- [7. THE PROTESTANT REFORMATION. *Fall.*]

- [8. THE REFORMATION IN ENGLAND AND SCOTLAND. *Winter.*]

- [10. HISTORY OF CHRISTIAN DOCTRINE. *Spring.*]

11. HISTORY OF MISSIONS: This course will treat briefly of the scriptural basis of missions, of the conversion of the Roman Empire, and of the Teutonic and Slavic peoples, of the prominent missionaries during the Middle Ages, and of Roman Catholic and Protestant missions after the Reformation. Special attention will be given to biography and to modern methods of mission work.

Spring, 9.

- [13. HISTORY OF THE DISCIPLES: The antecedents of the reformation movement begun by the Campbells, contemporary conditions in the religious world, and the progress of the movement up to the present. An attempt will be made to determine the fundamental purpose of the movement and its bearing upon present-day thought.]

PHILOSOPHY, SOCIOLOGY AND GREEK.

In addition to the foregoing courses students in the Bible College are urged to avail themselves of the opportunity afforded by Butler College of taking work in philosophy, Greek and sociology. The following statement of the courses especially recommended by those departments will indicate the nature of the work.

Sociology.

PROFESSOR FORREST.

The work of this department is of deep interest to any student preparing for the Christian ministry. Any and all phases of social life have their bearing upon the pastor's work. Every minister, both as a citizen and as a public teacher, must constantly pass judgments upon social facts and forces, and should therefore be able to speak and act intelligently. The fundamental principles of the gospel are unchanging, but the conditions under which those principles are to be applied are largely determined by the social life of the times. It is, therefore, important that the minister should thoroughly understand the society which largely determines the lives of the individuals to whom he is to preach. For a description of the courses of general interest the student is referred to the announcements of the COLLEGE OF LIBERAL ARTS. The courses mentioned below are arranged with special reference to the needs of students of the BIBLE COLLEGE.

3. ORGANIZED PHILANTHROPY: A study of the causes of poverty and methods of amelioration, based on Warner's "American Charities." The department enjoys the hearty co-operation of the excellent Charity Organization Society of Indianapolis, and is thereby enabled to make a thorough study of the charities of the city. Such agencies as the social settlement, the institutional church, the labor colony, etc., will also receive consideration. The student will be expected to make a personal investigation of actual conditions found in the city. Prerequisite, credit for 15 college majors. *Fall, 2.*

- [11. COMPARATIVE RELIGION: A general introduction to the subject. A somewhat minute study will be made of animism and primitive religious rites, followed by a more general study of the great historical religions. Prerequisite, course 5 (Primitive Culture).]

Philosophy.

PROFESSOR AMES.

An acquaintance with the subjects treated in the following courses is indispensable to the highest equipment of the minister. He is directly interested in the nature of man's mind—the problem of Psychology; in the means of knowing truth—the problem of Logic; in what man ought to do—the problem of Ethics; and in man's relation to nature and to God—the problem of Philosophy. These courses do not pretend to furnish fixed, complete answers to those questions, but rather seek to stimulate right thinking and proper appreciation of them. The work of this department extends through the last two years of the college course and is restricted to students of at least that standing.

1. **PSYCHOLOGY—ELEMENTARY COURSE:** It is the purpose of this course to acquaint the student with the scope and method of the science, with the nature and activities of the mind, and with the laws and processes of mental development. The subject-matter of the course will correspond to that of such treatises as James' *Psychology*, Briefer Course, Köffdings' *Psychology*, Dewey's *Psychology*, Baldwin's *Handbook*, and Ladd's *Outlines of Descriptive Psychology*. Prerequisite, nine college majors.
Fall, 10:30.
2. **LOGIC:** The processes and laws of valid thinking, together with the various kinds of fallacies, are critically examined. Both the deductive and inductive phases of inference are considered in the concrete form of argumentative and scientific literature. A philosophical treatment of the nature of judgment and knowledge is outlined. Text, Creighton, *Introductory Logic*.
Winter, 10:30.
3. **ETHICS:** The conceptions of moral obligation, virtue and freedom are treated psychologically and critically. An analysis is made of character, habit, desires and ideals from the psychological and ethical points of view. Social institutions and the duties they involve, together with the factors in moral progress, will

be outlined. Practical problems will be taken up in discussions and papers. Text, Paulsen, *System of Ethics*. Spring, 10:30.

7. ANCIENT PHILOSOPHY: Special attention will be given to the systems of Socrates, Democritus, Plato, Aristotle, the Stoics and Epicureans. Text, Windelband, *History of Ancient Philosophy*. Fall, 8.
8. KANT: The sources of Kant's thought will be traced in the pre-critical period, thus acquainting the student with the characteristics of Rationalism and Empiricism. Watson's *Selections from Kant*, will be thoroughly studied, after which an outline of the post-Kantian movements will be sketched. Winter, 8.
9. ADVANCED ETHICS: Two hours each week will be devoted to discussions based upon the reading of T. H. Green's *Prolegomena to Ethics*. Three hours will be given to lectures on the psychology of ethics. Papers will be required upon assigned topics. Spring, 9.

Greek.

PROFESSOR BROWN.

10. PLUTARCH'S LIVES: A course in reading and study of words. Much light is thrown on the Greek of the New Testament by a study of this author, a contemporary of many of the Christian writers. Besides the general facility in the use of the language which such studies afford, this course will give the student an insight into the meaning of many New Testament terms. It also serves as an excellent introduction to the study of Patristic Greek. Fall, 9.

	FALL.	WINTER.	SPRING.
OLD TESTAMENT.	Introduction, 8 1. Beginning Hebrew, 2 4. Deuteronomy, 11:30	Introduction, 8 2. Beginning Hebrew, 2 5. Amos and Prophetism, 11:30	Introduction, 8 3. Beginning Hebrew, 11:30 6. Ezekiel and Priesthood, 2
NEW TESTAMENT.	1. Grammar and Reading, 11:30 4. Introduction, 10:30	2. Grammar and Reading, 10:30 5. Life and Epistles of Paul, 11:30	3. Grammar and Exegesis, 10:30 6. Acts, 11:30
CHURCH HISTORY.	1. Outline, 10:30 6. Medieval Christianity, 11:30	2. Ante-Nicene Christianity, 3	5. Constantine to Gregory I, 2 11. History of Missions, 9
HOMILETICS AND PASTORAL THEOLOGY.	4. Propædæutics, 9	5. Homiletics, 9 7. Theology, 2	6. Pastoral Theology, 9

GENERAL INFORMATION.

Special Lectures. Every year lectures are given at the College by men prominent among the Disciples and by specialists in various departments of work. Among other speakers who have thus visited Butler are Miss Lois White, Mrs. A. M. Atkinson, Mrs. Kelly, Miss Mattie Pounds, W. M. Forrest, G. W. Muckley, O. T. Morgan, J. H. Garrison, A. McLean and B. L. Smith.

Musical and Literary Opportunities. The city of Indianapolis and its suburbs constitute a center of culture unsurpassed in the West. Concerts and musical instruction are obtainable equal to the best in the country. Lectures and literary advantages are open to the students which are not obtainable in any institution not in the immediate neighborhood of a city of equal cultivation.

Religious Privileges. The Downey Avenue Christian Church is in close connection with the College, both locally and sympathetically. Prominent preachers, from time to time, are invited to visit the town and college. Furthermore, the churches of Indianapolis are easily accessible with the religious services and lectures furnished by them.

The Young Men's and Young Women's Christian Associations are

open to all students, both in the College and in the city of Indianapolis, and Christian Endeavor Societies are established and flourishing in the neighboring churches.

The Butler Ministerial Association is open to students of the Bible College, and those of the department of Liberal Arts who are engaged in, or preparing for, ministerial work. It aims through its programs to bring the student in touch with the living issues of the pulpit, and through its helpful association to strengthen the spiritual life. The meetings are held weekly. In these sessions the vital problems of the pastor's life, and the current topics are discussed by able men. During the last college session the Association has had before it, among others, Allen B. Philputt, of the Central Christian Church, Indianapolis; C. C. Rowlinson, of the Third Christian Church, Indianapolis; Dean Jabez Hall, Pres. Burris A. Jenkins, A. L. Orcutt, of the Englewood Christian Church, Indianapolis, and Henry R. Pritchard. The Association is one of the strongest moral and spiritual forces in the College.

The Mission Study Class meets every week to consider subjects of interest in the foreign work. During the past year the studies published by the Student Volunteer Movement have been used in the study of the lives of leading missionaries.

Public Speaking. In addition to the instruction in Homiletics, the Bible students are admitted to the elocution classes of the college, and to the literary societies. Provision is made for practice in speaking and for the cultivation of the voice. In addition to the class-room work special instruction can be secured at a reasonable charge from competent elocutionists in Indianapolis.

Physical Exercise. The college gymnasium, tennis courts and athletic field are accessible to the Bible College students, and the men are encouraged to take an adequate amount of exercise in order that their physical and mental welfare may be conserved.

Board and Expenses. The actual expense of attendance upon the Bible College is as low as that of any similar institution in the country. The tuition is the same as that of Butler College, fifteen dollars (\$15) a term for each of the three terms. Board may be secured in the college dormitory for \$3 a week, including furnished

room, or for even less than this amount in students' clubs in the town. Although the faculty discourages so rigid an economy as might be detrimental to the health and vigor of the students, yet certain authorized clubs will be formed which will furnish good table board at the lowest possible rates that can be obtained in any college in the country. These are the chief items of expense which the student will be compelled to meet, aside from books and personal expenses.

Opportunities for employment in preaching are unusually good in the immediate neighborhood of Indianapolis. Many of the smaller churches depend for the supply of their pulpits upon students of the college, and a large part of a student's expenses may be defrayed by this means. The arrangement has in the past been of mutual advantage to the churches and the students.

BUTLER PREPARATORY SCHOOL

OMAR WILSON, A. B., *Principal.*

Purpose. As the name suggests, it is the main purpose of this school to fit students for college. Those expecting to enter college will save time by attending a good preparatory school. This is verified every year in the case of applicants from schools where the studies are not arranged with reference to college work.

Admission. In order to enter the First Preparatory, applicants are required to furnish certificates of graduation from the common schools. A teacher's license is accepted in lieu of such certificate. In Arithmetic applicants must be able to pass examination on the metric system.

Applicants for admission to the Second Preparatory and Third Preparatory will present certificates from some commissioned high school, preparatory school or college. Such certificates should not only state specifically the work completed by the bearer, but should also show that he has an honorable dismissal.

Credits. A recitation once a week throughout one term is called a *term hour*. In all subjects except Physical Culture, five term hours satisfactorily completed constitute one credit. In Physical Culture six term hours make a credit.

Recitations. All classes except those in Physical Culture meet five times a week. One recitation a week in each class consists of a review or lecture or some other exercise requiring but little preparation on the part of the student. Classes in Physical Culture meet twice a week.

Classification. Although a student may be admitted to Third Preparatory classes, and may have the larger part of his work in this

year, yet if he is conditioned on work amounting to more than four credits he is classed Second Preparatory.

One similarly deficient in the Second Preparatory is classed First Preparatory.

Classes. In the first year all students have the same classes. In the second and third years choice is allowed from the following subjects: Greek, German, French. Unless by special permission of the faculty no student may take fewer than three subjects or more than four—exclusive of physical culture.

Physical Culture. Classes in Physical Culture meet twice a week. This is required of all except those physically incapacitated for it. Those seeking exemption from these courses must present a satisfactory certificate from a physician. Such students are required to substitute credits in Greek, German, or French equal in number to those in Physical Culture from which they are excused. In such cases choice must be made of a subject not elected in the regular course.

Library. Preparatory students have the same privileges of the library and reading room as students in the college.

Requirements for Graduation. There are no formal exercises in connection with the completion of the preparatory courses. Thirty-six credits exclusive of those in Physical Culture are required for graduation.

In addition to credits in other classes, secured by attendance here, credits in Physical Culture must be offered in the ratio of one to twelve. Thus, a student entering the first term second preparatory and completing two years' work, offers two credits in Physical Culture, and the same proportion holds for a longer or shorter time. Following is presented the arrangement of the work by classes:

FIRST PREPARATORY.

Fall Term.

- (1) ENGLISH A₁.
- (2) LATIN A₁.

- (3) HISTORY A_1 .
- (4) MATHEMATICS A_1 .
- (5) PHYSICAL CULTURE A_1 .

Winter Term.

- (1) ENGLISH A_2 .
- (2) LATIN A_2 .
- (3) HISTORY A_2 .
- (4) MATHEMATICS A_2 .
- (5) PHYSICAL CULTURE A_2 .

Spring Term.

- (1) ENGLISH A_3 .
- (2) LATIN A_3 .
- (3) HISTORY A_3 .
- (4) MATHEMATICS A_3 .
- (5) PHYSICAL CULTURE A_3 .

SECOND PREPARATORY.

Fall Term.

- (1) ENGLISH B_1 .
- (2) LATIN B_1 .
- (3) GREEK B_1 or GERMAN B_1 or FRENCH B_1 .
- (4) MATHEMATICS B_1 .
- (5) PHYSICAL CULTURE B_1 .

Winter Term.

- (1) ENGLISH B_2 .
- (2) LATIN B_2 .
- (3) GREEK B_2 or GERMAN B_2 or FRENCH B_2 .
- (4) MATHEMATICS B_2 .
- (5) PHYSICAL CULTURE B_2 .

Spring Term.

- (1) ENGLISH B_3 .
- (2) LATIN B_3 .
- (3) GREEK B_3 or GERMAN B_3 or FRENCH B_3 .

- (4) MATHEMATICS B_3 .
- (5) PHYSICAL CULTURE B_3 .

THIRD PREPARATORY.

Fall Term.

- (1) ENGLISH C_1 .
- (2) LATIN C_1 .
- (3) GREEK C_1 or GERMAN C_1 or FRENCH C_1 .
- (4) SCIENCE C_1 .
- (5) PHYSICAL CULTURE C_1 .

Winter Term.

- (1) ENGLISH C_2 .
- (2) LATIN C_2 .
- (3) GREEK C_2 or GERMAN C_2 or FRENCH C_2 .
- (4) SCIENCE C_2 .
- (5) PHYSICAL CULTURE C_2 .

Spring Term.

- (1) ENGLISH C_3 .
- (2) LATIN C_3 .
- (3) GREEK C_3 or GERMAN C_3 or FRENCH C_3 .
- (4) SCIENCE C_3 .
- (5) PHYSICAL CULTURE C_3 .

COURSES OF INSTRUCTION.

ENGLISH.

A₁, A₂, A₃. ANALYSIS AND SYNTAX: Carpenter's Principles of Grammar.

AMERICAN LITERATURE: Selections are studied from Irving, Bryant, Hawthorne, Longfellow, Whittier, Holmes and Lowell. The work is so planned that the student may understand the development of literature in America and may appreciate the influence under which each of the chief authors wrote and also the influence which he exerted on his time. As a guide in this work Brander Matthews' American Literature is used. These courses seek not only to make the student acquainted with some of the best American literature, but also to quicken his appreciation of what is really good. Short compositions are written throughout the year. *Fall, Winter, Spring.*

B₁, B₂, B₃. RHETORIC: Scott and Denny's Composition and Rhetoric.

LITERATURE: One of Shakspeare's Plays, one of Scott's longer poems and some of his short ones, Addison's Roger de Coverley Papers, Goldsmith's Vicar of Wakefield, two of Shakspeare's plays, one of Scott's novels, George Eliot's Silas Marner, Cooper's The Last of the Mohicans, Hawthorne's House of Seven Gables. Frequent compositions are written, treating of the works studied. *Fall, Winter, Spring.*

C₁. COMPOSITION: This course is devoted entirely to composition work. Frequent themes, constant references to the text-books of Scott and Denny, Carpenter, Hill and Wendell, and conferences between the students and the instructor. *Fall.*

C₂, C₃. LITERATURE: One of Shakspeare's plays; Milton's L'Allegro, Il Penseroso and Lycidas; some of Dryden's short poems; Tennyson's Idyls of the King; Burke's speech on conciliation with America; one of Webster's speeches; Macaulay's Essay on Johnson; Carlyle's Essay on Burns.

COMPOSITION: Themes accompany the study of the literature.

Winter, Spring.

LATIN.

A₁, A₂. GRAMMAR: Memorization of forms; translation of sentences from Latin into English and from English into Latin; *colloquia*. Collar and Daniell's First Latin Book. *Fall, Winter.*

A₃. CONTINUATION OF A₁, A₂: Viri Romæ. *Spring.*

B₁, B₂. READING: Four books of Cæsar; sight reading; grammar. COMPOSITION: Bennett. *Fall, Winter.*

B₃. READING: Cicero's four orations against Catiline; sight reading; grammar. COMPOSITION: Bennett. *Spring.*

C₁. READING: Cicero's orations for Archias and Milo; selections from Cicero's letters; sight reading; grammar. COMPOSITION based on text read. *Fall.*

C₂, C₃. READING: Vergil's Æneid, five books; grammar. COMPOSITION: Allen's Introduction to Latin composition. *Winter, Spring.*

GREEK.

B₁, B₂. GRAMMAR: White's First Greek Book; "In order to be able to read even simple Attic prose at sight one must know the usual forms of the Greek language, its ordinary constructions and its general vocabulary. These three things are absolutely necessary."

Recitations are both oral and written. Students have daily practice in turning English sentences into Greek.

Fall, Winter.

- B₃. READING: One book of Xenophon's Anabasis.
COMPOSITION: Higley. *Spring.*
- C₁, C₂. READING: Three books of Xenophon's Anabasis.
COMPOSITION: Higley. *Fall, Winter.*
- C₃. READING: Xenophon's Symposium, Xenophon's Cyropædia.
COMPOSITION based on text read. *Spring.*

GERMAN.

- B₁, B₂. GRAMMAR: A text-book is used in studying the grammar, and this work continues throughout the first year. In these courses it is the aim to ground the student well in the principles of German grammar, to teach him to acquire a vocabulary and to construct sentences easily and naturally.

READING: As early as possible the class begins to read easy prose.
COMPOSITION: This consists of easy sentences from the grammar and of turning back into German the corrected translations of the text. *Fall, Winter.*

- B₃. GRAMMAR AND READING: Continuation of B₁, B₂.
COMPOSITION: Harris' composition. *Spring.*

- C₁, C₂, C₃. READING: In courses B₃, and C₁, C₂, C₃ the class reads some 500 pages of such prose and poetry as that of Hauff, Heyse, Riehl, Freitag, Schiller.
COMPOSITION: Work in composition is for the most part based upon the text read in class. *Fall, Winter, Spring.*

FRENCH.

- B₁. ELEMENTARY FRENCH: An inductive study of the language, based upon reading and composition. Special attention given to pronunciation. Daily drill in forms and idioms. Houghton's French by Reading is used as text. *Fall.*

- B₂. INTERMEDIATE FRENCH: A course in rapid reading and in composition. Easy texts, as Halévy's "l'Abbé Constantin" and Merimée's "Colomba," will be read. Exercises in Grandgent's "French Composition" twice each week. *Winter.*
- B₃. MODERN FRENCH COMEDIES: A reading course, with special attention to French idiom. The comedies of such writers as Mme. Girardin, Verconsin, Labiche and Augier will be read. Grandgent's Composition continued. *Spring.*
- C₁. MODERN FRENCH SHORT STORIES. A study of the great short story writers of France, with the reading of examples of their art. Written translation of assigned stories, and written studies of authors will be required. Composition continued. *Fall.*
- C₂. THE FRENCH NOVEL: The history of the French novel will be traced, and illustrative novels studied in class. Much collateral reading in French fiction will be done. *Winter.*
- C₃. THE FRENCH DRAMA: An outline of the history of the French theatre, the study of illustrative plays in class, and reports on plays read as collateral reading. *Spring.*

HISTORY.

- A₁, A₂. MYERS' GENERAL HISTORY. *Fall, Winter.*
- A₃. AMERICAN HISTORY. *Spring.*

MATHEMATICS.

- A₁, A₂, A₃. ALGEBRA: Elements of Algebra through Quadratic Equations. *Fall, Winter, Spring.*
- B₁. GEOMETRY: Wentworth's Plane Geometry. *Fall.*
- B₂. CONTINUATION OF B₁: Work completed. *Winter.*
- B₃. GEOMETRY: Wentworth's Solid Geometry. Work completed. *Spring.*

SCIENCE.

C₁, C₂. PHYSICS: Carhart and Chute's Elements of Physics, work completed. Special attention given to the solution of problems.
Fall, Winter.

C₃. BIOLOGY: At the option of the instructor, a course in:

(1) *Botany*: An introduction to the study of plants. Morphology, physiology, classification. Barnes' Plant Life.

Spring: { *Lectures and Recitations, two hours a week.*
Laboratory, eight hours a week.

or

(2) *Elementary Ecology*: The adaptation of plants to their general surroundings and to other organisms. The significance of plant structures; adjustment to varying conditions; plant societies.

Spring: { *Lectures, Wed., Sat., 10:30.*
Laboratory and Field Work, Wed., Thurs.,
Fri., and occasionally Sat., 2-4.

PHYSICAL CULTURE.

A₁, A₂, A₃. Boys: Carefully arranged exercises throughout the year, selected from the following: Swedish movements, low horizontal bar, wand drill, floor work, gymnastic games, buck, parallel bars, walking, running, fancy marching.

Practical talks throughout the year on physiological subjects. Elementary floor work includes all jumps with turns and scissor-movements. Intermediate floor work includes rolls, dives and combinations of similar character. *Fall, Winter, Spring.*

GIRLS: Military and fancy marching, free gymnastics, wands and dumb-bells. Exercises from the Emerson and the Swedish systems are also used. *Fall, Winter, Spring.*

B₁, B₂, B₃. Boys: Work in the gymnasium throughout the year, as follows: Swedish movements (advanced), dumb-bell drill

(elementary and intermediate), parallel bars, horse, floor work, basket ball, indoor athletics, heavy wand drill, high horizontal bar (elementary).

Each day's exercises to begin with a short, sharp run of from three to five minutes. Heavy wand drill includes bayonet practice.

Fall, Winter, Spring.

GIRLS: Exercises much the same as of courses A_1 , A_2 , A_3 .

Fall, Winter, Spring.

C_1 , C_2 , C_3 . Boys: Gymnasium work throughout the year, as follows: Dumb-bell drill (advanced), low horizontal bar (advanced), wrestling (elementary), Indian clubs (intermediate), high horizontal bar (elementary), posture and relaxation drills, floor work, basket ball, long horse, ladders (elementary and intermediate).

Practical talks each day.

Fall, Winter, Spring.

GIRLS: Courses B_1 , B_2 , B_3 , continued.

Fall, Winter, Spring.

COMMENCEMENT RECORD.

1899.

DEGREES CONFERRED.

Master of Arts.

WILLIAM DOWLING VAN VOORHIS, A. B. (Hiram).

(*Honoris Causa*) DELOS OSCAR KINSMAN, B. L. (University of Wisconsin).

Doctor of Laws.

(*Honoris Causa*) WILLIAM PINCKNEY FISHBACK, Dean Indiana Law School.

Bachelor of Arts.

CHARLES HERBERT BASS,

PERRY MAGNUS BYRAM,

ELIZABETH CAMPBELL,

ETHEL ELIZABETH CLELAND,

STANLEY ROBERTS GRUBB,

EMILY HELMING,

ROBERT WILSON HOBBS,

EDITH KEAY,

SARAH KINGSBURY,

MARY MARSEE,

BERTHA MASON,

CHARLES JOSEPH MCGROARTY,

ELVET EUGENE MOORMAN,

JAMES HENRY STEVENS,

ALBERT LUTHER WARD.

PRIZES AWARDED.

1. Diploma University of Chicago awarded to Perry Magnus Byram for highest grade in Senior Class.
2. Scholarships in University of Chicago awarded to Edith Keay and Sara Kingsbury for proficiency.
3. Prize for State Contest Oration awarded December, 1899, to John Raymond Carr.
4. Prize for highest grade in the primary for Inter-Collegiate Debate awarded December, 1899, to Orval Edmund Mehring.
5. Prize for Sophomore Essay awarded June, 1899, to Clara Overhiser.
6. Prize for Sophomore Oration awarded June, 1899, to Ernest Talbert

CATALOGUE OF STUDENTS.

Annual Session Ending June 21, 1900.

GRADUATE STUDENTS.

BARTLE, WILLIAM DENNIS, A. B. (Indiana).....	Borden.
BEBOUT, DELMAR RAY, A. B. (Bethany).....	Summit Station, O.
BROWN, JESSE CHRISTIAN, A. B. (Butler).....	Irvington.
BURNER, WILLIS JUDSON, A. B., A. M. (Hedding).....	Irvington.
COOK, WALTER SCOTT, A. B. (Hiram).....	Weston, O.
DAUGHERTY, EDGAR FAY, A. B. (Franklin).....	Franklin.
MCGAUGHEY, OLIVER WENDELL, A. B. (Wabash).....	Russelville.
MONINGER, HERBERT HENRY, A. B. (Bethany)....	Strabane, Pa.
MOORMAN, ELVET EUGENE, A. B. (Butler).....	Waveland.
STEVENS, JAMES HENRY, A. B. (Butler).....	Victoria, Australia.
WATSON, CHARLES MORELL, A. B. (Bethany).....	Bellaire, O.

SENIORS.

ADAMS, EMILY.....	Indianapolis.
ATHERTON, JOHN WHISLER.....	Irvington.
BUTLER, ELIZABETH ANNE.....	Irvington.
CARR, JOHN RAYMOND	Wanamaker.
EDGEWORTH, ANNA	Irvington.
EMRICH, CORA.....	Indianapolis.
GOOKIN, GRACE FREDERICK.....	Indianapolis.
GRAHAM, ERNEST.....	Winnipeg, Can.
GRAHAM, MARY CHARLOTTE.....	Winnipeg, Can.
GRIGGS, MAY.....	Irvington.
HAUK, MABEL GERTRUDE	Indianapolis.
JOHNSON, EMSLEY WRIGHT.....	New Augusta.
KERN, PENELOPE VIRGINIA.....	Irvington.
LOOP, CARL RAYMOND	Irvington.

NOEL, BLANCHE PUTNAM.....	Indianapolis.
OVERHISER, CLARA.....	Indianapolis.
PORTTEUS, ANSON LEROY.....	Marion.
ROBERTS, ETHEL BOOR.....	Irvington.
SHOVER, ESTHER FAY.....	Indianapolis.
SMITH, RAYMOND ABNER.....	Vincennes.
THOMPSON, EDWIN ELBERT.....	Glenn's Valley.
WATTS, SHELLY DIGGS.....	Winchester.

JUNIORS.

CLIFFORD, GRACE JANE.....	Indianapolis.
CUNNINGHAM, JOHN MILTON.....	Fincastle.
CUNNINGHAM, MAY.....	Fincastle.
LITTLE, BERTHA MAY.....	Irvington.
MARTIN, MARIE EVANGELINE.....	Clayton.
SMITH, SOPHIA ADELAIDE.....	Fountaintown.
SOURS, LULU.....	Dunkirk.
SWEENEY, JOSEPH IRWIN.....	Columbus.
TALBERT, ERNEST.....	Indianapolis.
WALTON, SHIRLEY STANTON.....	Atlanta.
WILSON, WILMER.....	Irvington.

SOPHOMORES.

AMOS, MARTIN CONRAD.....	Cumberland.
BLAIR, VERLE WINTRY.....	Plainfield.
BOWER, WILLIAM CLAYTON.....	Wolcottville.
BUTLER, OVID MCQUAT.....	Irvington.
BUTLER, WALTER GRESHAM.....	Indianapolis.
CAMPBELL, NETTA DEWEES.....	Irvington.
DOBSON, CLARENCE OSCAR.....	Brownsburg.
DOLLARHIDE, CLIDE.....	Indianapolis.
DYER, JOHN ALLISON.....	Irvington.
FOSTER, GUY KENNETH.....	Blue Mound, Ill.
GLASCOCK, VERNA ELZADA.....	Covington.
HEROD, HENRY LOUIS.....	Indianapolis.
HILL, EDWIN CONGER.....	Aurora.

HUGGINS, EMMETT	Indianapolis.
KIEFER, KATE	Indianapolis.
LONGLEY, WILLIAM RAYMOND	Noblesville.
MCGAUGHEY, CARL WILLIAMSON	Irvington.
OFFUTT, SAMUEL JOYCE	Greenfield.
PRITCHARD, HARRY OTIS	Franklin.
RICHEY, VERNA MEADE	Irvington.
SCOTT, ROSS REID	Somerset, Pa.
STUCKER, GOLIE	Indianapolis.
VAN DYKE, LOUISA AMELIA	Indianapolis.
VAN SICKLE, PIERRE	Fenton.
WHITCOMB, HOPE	Irvington.
WILEY, HERBERT KEATON	Indianapolis.
WILLOUGHBY, WILLIAM DUCKWORTH	Irvington.
WRIGHT, KATHRYN LENOIR	Stanford, Ill.

FRESHMEN.

ADNEY, ROY WATKINS	Lebanon.
AYRES, ELLIOTT	Indianapolis.
BALDWIN, JAMES LAUER	Irvington.
BALDWIN, MARY ELIZABETH	Irvington.
BARNETT, CHARLES ALLEN	Vevay.
BROWN, LILLIAN ALICE	Remington.
COFFIELD, RHODA	Greenfield.
DARNALL, JAMES CHESTER	Lebanon.
DOWNING, HELEN	Greenfield.
EDSON, EARLE MASON	North Bend, Neb.
ELSTUN, JASON GARFIELD	Irvington.
GRIFFIN, KATHERINE	Greenfield.
HEINRICHS, HARRY	Cumberland.
HEWITT, CORA BELLE	Indianapolis.
HUNT, CLEO	Indianapolis.
HUTCHINSON, CLARK SAMPSON	Acton.
IDDINGS, EDWARD JOHN	Peru.
JEFFRIES, PAUL	Irvington.
KERN, GEORGE TILDEN	Hebron.
KIRKPATRICK, ROY	Indianapolis.

LINTON, ERNEST MARSHALL	Samaria.
LONG, WILL	Indianapolis.
MOUNT, CLEO WADE	Tipton.
NEWCOMB, JOHN RAY	Indianapolis.
PATTERSON, ETHEL	Irvington.
POULSON, ELIZABETH	Greenfield.
POWELL, CHARLOTTE	Irvington.
ROBBINS, FRED	Kokomo.
RODEFER, VELMA KATE	Elwood.
RODEFER, VIRGINIA BELLE	Elwood.
SENOUR NELLIE	Irvington.
SHIMER, WILLIAM	Wanamaker.
SMITH, MARY DELPHINE	Irvington.
STACY, WILL KELLOGG	Indianapolis.
TAGGART, SUSAN	Indianapolis.
THURSTON, HARRISON SYLVANUS	Summitville.
TOMES, ORLANDO ESSEX	Arcadia.
VERNIER, CHESTER GARFIELD	Liberty.
WATERS, ARTHUR EWING	North Salem.
WILCOX, EDNA	Sabine.
WILHITE, EDITH	Irvington.
WINFIELD, EZRA RAY	Tipton.
ZEIGLER, EDWARD ORVILLE	Hyattstown, Md.

SPECIALS.

AMOS, ETHEL	Rushville.
ARMSTRONG, KATHARINE	Jeffersonville.
BREVOORT, MAI	Columbus.
BROWN, JOHN	Irvington.
BROWN, JULIET JULIEN	Indianapolis.
BUCHANAN, BEULAH	Rising Sun.
CARD, NIDA ALICE	Greenfield.
CARPENTER, MAY	Oak Park, Ill.
CARTER, FRANK LINDLEY	Indianapolis.
CLAY, KATE	Brazil.
DARK, ROSA ELLA	Indianapolis.
EICKHOFF, LYDIA	Irvington.

FAITH, IDOA.....	Indianapolis.
GEHRES, ALVIN WALTER.....	Irvington.
GILTNER, EMMETT.....	Otto.
GROVE, CLAUDE ERNEST	Indianapolis.
HEGE, KATE.....	Columbus.
HELSEK, RAYMOND BRANDT	Hilliards, Ohio.
HIGGINS, OCIE ANNA.....	Lebanon.
HUNTER, CALVIN SCOT.....	Irvington.
KELLY, FRANCIS.....	Indianapolis.
KINSEY, IDA.....	Irvington.
LANGSDALE, GEORGE.....	Indianapolis.
LAYMAN, BELLE	Irvington.
LYBRAND, WALTER ARCHIBALD.....	Terre Haute.
MCCULLOUGH, MAME	Columbus.
MARKER, JAMES REED	Versailles, Ohio.
MEHRING, ORVAL EDMUND.....	Indianapolis.
MOORE, SAMUEL WALLACE	Brazil.
NANCE, THEODORE LAYMAN	Brazil.
PARKER, WAYNE DEE	Rensselaer.
PIERCE, MARTIN LUTHER	
SCOTT, JESSIE MARY.....	Greenfield.
SHIVELY, CHARLES STACY.....	Nead.
SMALSTIG, AUGUSTA AMIE.....	Chicago, Ill.
SMITH, ORREN ERNEST.....	Avon.
TAYLOR, ANNA.....	Indianapolis.
UNDERWOOD, CHARLES EUGENE	Pennville.
WALL, JESSE DEVORE.....	Indianapolis.
WILLOUGHBY, MATTIE	Irvington.
WILSON, MARY	Farmland.
WOOD, HARRY.....	Fairmount.
YEOMAN, STEPHEN SMITH	Remington.

THIRD PREPARATORY.

AMOS, ETHEL.....	Rushville.
ANTHONY, JAMES LESLIE	Indianapolis.
BLACK, BRUCE VINCENT	Indianapolis.
BLOOMER, JOSEPH ROBERT	La Fontaine.

BRENT, CARRIE.....	Pittsboro.
DAVIDSON, MARY RUTH.....	Brownsburg.
DYER, CHARLES BARTON.....	Indianapolis.
HUNTER, CLARA ESTELLE.....	Irvington.
JACKSON, RICHARD CANNON.....	Centreville.
LEEDY, PEARL.....	Missoula, Mont.
McCASLIN, JOHN EDGAR.....	Brownsburg.
MARTIN, MAUDE.....	Jamestown.
MICHAEL, HERBERT MOREY.....	Lowell.
MOSES, JASPER TURNEY.....	Irvington.
RAGAN, CHARLES.....	Plainfield.
ROOKER, SUSANNYCE.....	Noblesville.
WISE, JAMES GARFIELD.....	New Berlin, Ohio.

SECOND PREPARATORY.

AXLINE, JOHN ALBERT.....	Noblesville.
BELL, WILLIAM ROBERT.....	Monroe City.
BICKNELL, GEORGE FRANKLIN.....	Anderson.
BLAIR, IVA.....	Plainfield.
BLAND, MARTIN ELLMORE.....	Oaktown.
BLANDFORD, BERTHA.....	Indianapolis.
BOTTICHER, ADELE.....	St. Louis, Mo.
BURTON, HENRY.....	Zenas.
BUTLER, CARRIE HANNAH.....	Irvington.
CARPENTER, JOHN ANNA.....	Oak Park, Ill.
CASH, ASHLEY BURR.....	Pennville.
CLORE, LESTER ROYDEN.....	Jamestown.
COMPTON, MELVIN.....	Brazil.
COOK, HELEN.....	Greenfield.
COYNER, DONNA.....	Clark's Hill.
DE PREZ, DANIEL WRAY.....	Shelbyville.
FORSYTHE, DULCIE MAY.....	Morgantown.
FRIERMOOD, GLEN.....	Marion.
GOODALE, ALBERT.....	Blue Mound, Ill.
GOODNIGHT, CLOYD.....	Michigantown.
GREEN, RICHARD MORTON.....	Brownsburg.
GRIFFITH, EDITH CARRIE.....	Irvington.

HACKER, ELSIE MAUDE	Columbus.
HOLLINGSWORTH, ALBERT AMBROSE.....	Plainfield.
HOLMES, OSCAR FRANKLIN	Asherville.
HUFFMAN, JESSE.....	Marion.
JOHNSON, EVERETT CYRUS.....	Indianapolis.
KEENEY, MURATT QUINTIN.....	Pittsboro.
KUHN, BESSIE	Irvington.
KUHN, EMERY ELLSWORTH.....	Warrington.
LAYMAN, KATHERINE.....	Irvington.
MARKHAM, BERT ALVIN.....	Wakarusa.
MAST, FANNIE ESLER.....	West Milton, O.
MORGAN, JOHN ROY.....	Brooklyn.
MURRAY, PAUL.....	Ladoga.
MYERS, WALTER.....	Monroe City.
PADDOCK, JOSEPH ERNEST	New Lisbon.
PITZER, HARLIE LYBRAND.....	Whitestown.
RUBUSH, GUY.....	Acton.
SHEPARD, PAUL KENNETH.....	Oaktown.
SHERIDAN, AARON JOHN.....	Indianapolis.
STERNE, NATHAN.....	Indianapolis.
TOMLINSON, ROBERT.....	Irvington.
TRITT, FLORENCE.....	Columbus.
VAN WINKLE, GRACE.....	Mechanicsburg.
VINZANT ISABEL	Indianapolis.
WRIGHT, ETHEL BAKER.....	Alexandria, Ky.
YAGER, MARY BELL.....	Kokomo.
YOKE, JOHN.....	Acton.

FIRST PREPARATORY.

ADDISON, MARGARET.....	Greenfield.
BACON, JACOVA.....	Indianapolis.
BLACK, KELSEY.....	Greenfield.
BREWSTER, GEORGE WASHINGTON.....	Oakland, Cal.
CAPLINGER, HARLEY MARION.....	Marshall.
CLASSEN, WILLIAM GEORGE.....	Ann Arbor, Mich.
DOYLE, JAMES WARREN	Wayland, Ill.
EASTERDAY, CLARA.....	Howland.

FULLER, HARRY LEANDER	Indianapolis.
GILLUM, EARL	Indianapolis.
GUFFIN, GEORGE PAUL	Rushville.
HADLEY, CHESTER TALBOTT	Plainfield.
HOOD, JULIUS ENZOR	Anderson.
JOHNSON, CHARLES AUSTIN	Irvington.
LAVERY, CHARLES BERNARD	Indianapolis.
MCDONALD, ORAL	Fairland.
MILLER, HENRY CALVIN	Knox.
MORGAN, CHARLES LOUIS	Indianapolis.
NORRIS, MABEL	Irvington.
SPINNING, GUY FRANKLIN	Veedersburg.
VAN WINKLE, CARL	Mechanicsburg.
WELCH, PHILLIP	Mulkeytown.
WILLIAMS, PAUL CHARLES THEODORE	Morristown.
WYNN, MAGGIE SHERA	Indianapolis.

STUDENTS IN TEACHERS' COLLEGE STUDY DEPARTMENT.

NAME AND ADDRESS.	COURSE.
ADAMS, ELEANOR, 2131 Prospect St.....	English Lit.
ALLEN, JESSIE, 1508 Garfield Pl.....	English Lit.
ANDERSON, MATTIE, 835 Hosbrook St.....	English Lit.
AYRES, IRA, 111 E. Pratt St.....	English Lit.
BEASLEY, FRANCES ELLEN, 907 Bismark Ave....	Botany.
BEHYMER, BELLE, 2126 Highland Ave.....	Botany.
BENSON, MABEL, 1414 Blaine Ave.....	Botany.
BOWMAN, NELLIE, Park Ave. and Sixteenth St...	Botany.
BUNDY, MYRTLE, 506 E. Tenth St.....	Rhetoric.
BURTON, ANNIE LAURA, 529 E. South St.....	History.
CANFIELD, JOSEPHINE, 703 Ft. Wayne Ave.....	{ Rhetoric. English Lit.
CARMEN, ADELAIDE, Institution for Blind.....	Psychology.
CHAPIN, ARTENA MAY, State Library.....	English Lit.
COLLIER, LOUISA, 909 E. Eleventh St.....	Rhetoric.
COLLIER, MARY LOUISE, 2321 N. Illinois St.....	History.

NAME AND ADDRESS.	COURSE.
COLLIER, NANCY ELLEN, 2321 N. Illinois St.....	History.
CONNELLY, NATHALEE, 1707 N. New Jersey St....	Greek Art.
CONNER, ADAH, 1506 Park Ave.....	Botany.
COTTON, ELIZABETH JANE, 703 E. Pratt St.	History.
COURTNEY, ANNA, 1740 N. Pennsylvania St.....	History.
COURTRIGHT, JOCELYN, 211 E. 11th St.....	{ English Lit. Botany.
CULLEN, ALICE, 820 N. Meridian St.....	History.
DAVIS, ELIZABETH, 1003 Bellefontaine St.....	Psychology.
DAVIS, MARY LITTELL, 1914 Talbott Ave.....	German.
DEAN, CORA, 9 The Ballard.....	History.
DICKEY, MARGARET.....	Botany.
DILLINGHAM, OVANDAH, 616 Fort Wayne Ave....	Botany.
DUZAN, ADA ANDERSON, 1736 N. Penn. St.....	English Lit.
DYE, ANNIE GAINES, 1109 N. Delaware St.....	Greek Art.
EDGEWORTH, JENNIE, Irvington.....	Botany.
ELLIOTT, INEZ, 1566 E. Pratt St.....	History.
ELLIS, FLORA ESTELLE, 2214 College Ave.....	English Lit.
ELROD, MARTHA, 2040 N. Capitol Ave.....	Botany.
FAITH, IDOA.....	Psychology.
FERREE, ADELE, 826 N. Alabama St.....	Rhetoric.
FISH, FRANCES, 820 English Ave.....	History.
FOY, CORDELIA, 116 Highland Ave.....	History.
FRANCIS, CARRIE, 207 E. St. Joe St.....	French.
GEARY, IDA, 9 The Ballard.....	History.
GOLDSWORTHY, EMELIA, 1904 Broadway.....	Greek Art.
GRAYDON, ELLEN DOUGLASS, 1425 Central Ave....	History.
HADLEY, JEANNETTE HAMILTON, 520 E. 11th St.	{ Greek Art. French.
HALL, ELIZABETH ASENATH.....	{ German. French.
HAMILTON, KATE, 836 Daugherty St.	Botany.
HAMILTON, MARGARET, 520 E. Eleventh St.	Greek Art.
HARNES, LAURA BELLE, 905 Cottage Ave.....	Botany.
HOLLABAUGH, MILTON ADAMS, 112 Marcy Pl.	English Lit.
IRWIN, HELEN, 112 W. Tenth St.	English Lit.
ISKE, LOUISE, 613 S. New Jersey St.....	Psychology.

NAME AND ADDRESS.	COURSE.
KEATLEY, ALICE, 1523 Garfield Pl.....	History.
KEAY, ANNA, 720 N. East St.	Greek Art.
LEFEVER, MYRTLE, 1008 W. Vermont St.....	Rhetoric.
LINDLEY, ETHEL, 1006 Cornell Ave.....	Rhetoric.
MCCOMB, VIRGINIA, 708 N. New Jersey St.....	Psychology.
McKEEVER, MARY, 616 N. New Jersey St.....	Greek Art.
MEDARIS, ALTA, 702 N. Alabama	Rhetoric.
MOHR, EMMA DOROTHY, 420 E. Market St.	Rhetoric.
MOREY, CLARA, 720 Tremont St.	Botany.
MORRIS, MAYMIE, 531 Bright St.....	Psychology.
MOSCHELL, EFFIE, 305 Kentucky Ave.....	Botany.
MURPHY, FANNIE, 1118 N. Alabama St.....	History.
MURPHY, GEORGIA, 1508 Bellefontaine St.....	Botany.
NEWBY, KATHERINE, 1634 Spann Ave.....	English Lit.
O'MARA, ELIZABETH, 412 Minerva St.....	English Lit.
PARKER, ADDIE, 1130 Blaine Ave.....	Botany.
PENDLETON, HANNAH, 1302 N. Capitol Ave.....	English Lit.
PHIPPS, HARRIETT, 1315 Oliver Ave.....	{ Rhetoric. Botany.
RICHARDSON, GRACE ELIZABETH, 302 N. Summit St.	Botany.
RIHL, MARTHA, 339 Lincoln St.....	History.
RUSSELL, HELEN VAN NUYS, 1406 Lexington Ave.	{ Rhetoric. Botany.
SAMPLE, BERTHA ALICE, 1324 Laurel St.....	Botany.
SELECK, RODA, 727 N. New Jersey St.....	Greek Art.
SICKELS, ANNA, 701 N. East St.....	{ History. English Lit.
SMALL, MILLICENT, 1123 Blaine Ave.....	Rhetoric.
SONDERMAN, OTTILÉE, 1606 Prospect St.....	French.
THATCHER, GERTRUDE, 1077 High St	English Lit.
TUCKER RENA, 603 N. Delaware St.....	English Lit.
WILLIAMS, KATE, Irvington.....	English Lit.
WILLIAMS, LEWIS, 1956 Yandes St.....	{ Botany. German.
WILLIAMS, EDITH, 2108 N. Penn. St.....	Greek Art.

SUMMARY.

Graduates.....	11
Seniors.....	22
Juniors	11
Sophomores	28
Freshmen	43
Special.....	43
Preparatory	90
Teachers' College Study Department.....	79
School of Music	25
School of Art.....	49
	— 401
Counted twice.....	61
	—
Total.....	340

BUTLER ALUMNI ASSOCIATION.

President, Perry Hall Clifford, '93, Indianapolis.

Vice-President, Flora Dill, '80, Indianapolis.

Secretary, Clara Shank, '89, Irvington.

Treasurer, George Washington Knepper, '97, Irvington.

If error is found in the entry of name, occupation or address of any alumnus as given below, please report the correct information to the President or Secretary of the Association.

CLASS OF 1856.

Philip Burns, A. B., Minister (Died Oct. 16, 1857)..Port Sarnia, Can.

Nancy E. Burns, B. S. (M. S., 1859), Mrs. A. M.

Atkinson.....Wabash.

John Kimmons, A. B. (A. M., 1859), Minister....Missouri.

CLASS OF 1857.

T. C. Elliott, B. S.....Iowa.

W. G. Hastings, B. S.....Missouri.

CLASS OF 1858.

Cyrus Nerva Blount, A. B. (A. M., 1861; M. D.,

Jefferson Medical College), (Died Dec. 28,

1887), PhysicianKokomo.

Ora Knowlton, B. S., FarmerNew Brunswick.

W. S. Major, A. B. (A. M., 1861), Journalist.....Chicago.

Jesse Walden, A. B. (A. M., 1861), Minister.....Lancaster, Ky.

CLASS OF 1859.

I. N. Binford, B. S., Lawyer (Died March 10, 1890). Indianapolis.

Eli V. Blount, A. B., Lawyer (Died Oct. 29, 1859)..Tipton.

Barzillai M. Blount, A. B. (A. M., 1862), Minister..Irvington.

- Ovid D. Butler, A. B. (A. M., 1862), Lawyer, The Blacherne Indianapolis.
 Aaron D. Goodwin, A. B. (A. M., 1862), Teacher (Died 1892) Salina, Kan.
 Perry Hall, A. B. (A. M., 1862), Minister (Died in service as Chaplain, October 27, 1862)..... Indianapolis.
 Levi Hanson, A. B. (A. M., 1862), Teacher..... Missouri.
 Jacob T. Lockhart, A. B. (A. M., 1862), (Deceased) Spokane, Wash.
 Estel R. Moffet, B. S., Lawyer (Deceased)..... Rushville.
 A. M. Mothershead, B. S. (with Waller & Co., cor. Randolph and La Salle Sts.) Chicago, Ill.

CLASS OF 1860.

- John P. Avery, B. S., M. D., 849 N. East St. Indianapolis.
 George Carter, B. S., Lawyer, 3024 N. Illinois St. Indianapolis.
 John A. Campbell, A. B. (A. M., 1863), M. D. Steamboat Springs, Colo.
 Friend C. Goodwin, A. B., Teacher (Died April 16, 1861) Indianapolis.
 Andrew M. Goodbar, B. S., Lawyer (Deceased)... Greencastle.
 Ross Guffin, A. B. (A. M., 1863; LL. B., Harvard, '61), Lawyer Kansas City, Mo.
 Thomas R. Lawhead, B. S., Lawyer Plainfield.
 William W. Leathers, A. B. (A. M., 1863), Lawyer (Died in 1875)..... Indianapolis.
 William Nimon Pickerell, A. B. (A. M., 1863), Lawyer, 1718 Ash St. Indianapolis.
 Isaac N. Porch, A. B. (A. M., 1863), Minister (Died in 1885)..... Bloomington.
 Irvin Robbins, A. B. (A. M., 1863), Manufacturer, 12 West North St. Indianapolis.
 John M. Snoddy, A. B. (A. M., 1863), M. D., Physician (Died September 20, 1890)..... Mooresville.
 Lydia E. Short, B. S. (M. S., 1861), (Mrs. James Braden)..... Irvington.
 Abram D. Williams, A. B. (A. M. 1863), M. D., Oculist and Aurist, 3414 Franklin Ave. St. Louis, Mo.

CLASS OF 1861.

- W. W. Daugherty, B. S., Captain (Retired) U. S.
 A., 133 W. Nineteenth St.....Indianapolis.
 Charles F. Lockwood, A. B. (A. M., 1864), Mer-
 chant, 211-13 Wabash Ave... ..Chicago, Ill.
 P. J. Squier, A. B. (killed at Shiloh, April 6, 1862)..Hall's Corners.
 Geo. W. Spahr, B. S., Lawyer, 1716 Ash St.....Indianapolis.

CLASS OF 1862.

- William H. Brevoort, A. B. (A. M., 1865), Farmer..Vincennes.
 C. Eliza Brown, B. S. (M. S., 1865), (Mrs. W. H.
 Wiley).....Terre Haute.
 James A. Bruce, B. S., Florist (Died Dec. 13, 1893).Indianapolis.
 Demia Butler, A. B. (A. M. 1865), (Mrs. George
 E. Townley) (Died October 26, 1867).....Indianapolis.
 Michael R. Buttz, A. B. (A. M., 1865), Lawyer
 (Deceased).....Liberty, Ill.
 Austin F. Denny, A. B. (A. M., 1865; LL. B.,
 Harvard, 1868), 1609 N. Delaware St.....Indianapolis.
 Addison C. Harris, B. S., LL. B., U. S. Minister
 to Austria.....Vienna, Austria.
 Alvin I. Hobbs, A. B. (A. M., 1865; LL. D., 1885),
 Professor Theology Drake University (Died
 May, 1894).....Des Moines, Iowa.
 John T. Jackson, A. B. (A. M., 1865), (Died 1866)...Indianapolis.

CLASS OF 1863.

- H. C. Guffin, A. B. (A. M., 1866).....Indianapolis.

CLASS OF 1864.

- Wickliffe A. Cotton, A. B. (A. M., 1867), Lawyer..De Witt, Iowa.
 Alexander C. Easter, A. B. (A. M., 1867), Farmer.Burlingame, Kan.
 John B. Easter, A. B. (A. M., 1867), Minister.
 (Died December 12, 1885).....Kansas.
 David M. Hillis, A. B. (A. M., 1867), Lawyer, 3341
 Prairie Ave.....Chicago, Ill.

William H. Wiley, A. B. (A. M., 1867), Superintendent Schools.....Terre Haute.

CLASS OF 1865.

Edward L. Brevoort, A. B. (A. M., 1868), Farmer
(Died March 12, 1882)Walesborough.
John S. Duncan, B. S. (LL. B., Harvard, 1867),
Lawyer, 1312 N. Alabama St.....Indianapolis.
James H. McCollough, A. B. (A. M., 1883), MinisterIrvington, Cal.

CLASS OF 1866.

Jacob B. Blount, A. B. (A. M., 1869), Minister
(Died Nov. 1, 1898).....Mays.
Henry H. Black, A. B. (A. M., 1869), Real Estate
Agent.....Oklahoma City, O. T.
Howard Cale, A. B. (A. M., 1869), Lawyer, 2011
Ruckle StIndianapolis.
Alfred Fairhurst, A. B. (A. M., 1869), Professor
Natural Science, Kentucky University, 351
North Broadway.....Lexington, Ky.
Katharine E. Coffin, B. S. (M. S., 1869), (Mrs.
Hiram Hadley).....Albuquerque, N. M.
Alice E. Secrest, B. S. (M. S., 1869), (Mrs. G. W.
Snider) 1015 N. Penn. St.....Indianapolis.

CLASS OF 1867.

Albert T. Beck, A. B. (A. M., 1870), Lawyer (Died
April 23, 1894)Indianapolis.
Frank C. Cassel, B. S., Cashier of Bank.....Rossville.
Indiana Crago, B. S. (M. S., 1870), (Mrs. A. C.
Harris).....Vienna, Austria.
John Denton, A. B. (A. M., 1870), Lawyer.....Salem, Ore.
John H. Lewis, B. S., Editor.....Anderson.
David Utter, B. S., MinisterSalt Lake City.
Benj. C. Wright, B. S., Lawyer, 3800 Central Ave.. Indianapolis.
Samuel Winfield, B. S., Merchant.....Chanute, Kan.

CLASS OF 1868.

- Alex. C. Ayres, A. B. (A. M., 1871), Lawyer, 31
West Drive, Woodruff Place.....Indianapolis.
- Scot Butler, A. B. (A. M., 1872, LL. D., 1896),
President Butler College.....Irvington.
- Barbara P. Blount, B. S. (M. S., 1871), (Mrs. F. C.
Cassel) (Died Dec. 12, 1898)Rossville.
- Alcinda T. Blount, B. S. (M. S., 1871), (Mrs. J. A.
Canady).....Anderson.
- Samuel H. Dunlop, A. B. (A. M., 1871), New York
City.....New York.
- Jos. W. Marsee, A. B. (A. M., 1871), M. D., Phy-
sician (Died December 3, 1898).....Indianapolis.
- Mary M. Moore, B. S. (M. S., 1871), (Mrs. McCon-
nell).....Oxford.
- Harry C. Ray, A. B. (A. M., 1871), Auditor Shelby
Co., 66 N. Harrison St.....Shelbyville.
- Anna W. Scovel, B. S. (M. S., 1871), (Mrs. Chaun-
cy Butler) (Died December 3, 1894).....Indianapolis.
- Walter S. Smith, B. S. (M. S., 1882), Minister...Greenfield.
- Edwin Taylor, A. B. (A. M. 1871), Attorney at
LawEvansville.
- Granville S. Wright, B. S., Lawyer, 3800 Central
Ave.....Indianapolis.

CLASS OF 1869.

- Chauncy Butler, A. B., Sec. Board of Directors,
Butler College, 31 The Blacherne.....Indianapolis.
- Thomas J. Byers, A. B. (A. M., 1872), Merchant..Franklin.
- Henry Jameson, B. S. (M. D.), Dean Indiana Med-
ical College, 416 N. Delaware St.....Indianapolis.
- John S. Moore, B. S.....Indianapolis.
- Winfield S. Ray, B. S., Editor (Died April 3, 1897)..Shelbyville.
- William P. Stanley, B. S. (LL. B., Indiana Uni-
versity), FarmerArlington.
- John W. Tucker, A. B. (A. M., 1872), Lawyer...Lynn, Mass.
- Lorenzo Tucker, A. B., Minister (Deceased).....Wabash.

CLASS OF 1870.

- Alonzo G. Alcott, A. B. (A. M., 1873), (Died Nov. 7, 1880).....St. Paul, Minn.
 Austin Council, A. B., Minister (Died March 11, 1871).....Mankato, Minn.
 John N. Boys, B. S., Merchant (Died Feb. 1, 1876).....Steeles.
 Jennie Laughlin, A. B., Teacher and Missionary to Jamaica (Deceased).....Indianapolis.
 Thomas Wilson Lockhart, A. B. (A. M., 1873), Lawyer.....Bakersfield, Cal.
 Daniel Boone Williams, A. B. (A. M., 1873; M. D., Miami Medical College, 1874), (Died Nov. 5, 1876).....Bedford.

CLASS OF 1871.

- James M. Culbertson, B. S., Farmer.....Malott Park.
 John H. Hamilton, B. S., Minister (Died in 1873)..New Philadelphia.
 Benjamin F. Kinnick, A. B. (A. M., 1874), Farmer..Greenwood.
 Oscar F. Lane, A. B. (A. M., 1874), Minister....Bainbridge.
 Edwin T. Lane, A. B. (A. M., 1874), Minister....Greencastle.
 James W. Lowber, A. B. (A. M., 1874), Sc. D., LL. D., 707 W. 7th St.....Austin, Tex.
 James W. Monroe, A. B. (A. M., 1874), Minister..Modesto, Cal.
 Robert H. Myers, A. B. (A. M., 1874), Contractor, 2036 Cornell Ave.....Indianapolis.
 John A. Roberts, B. S., Minister.....Irvington.
 Daniel L. Thomas, A. B. (A. M., 1874; LL. B., Central Law School), Editor (Died Oct. 29, 1893).....Rushville.
 John Q. Thomas, A. B. (A. M., 1874; LL. B., Central Law School), Lawyer.....Rushville.
 J. Lafe Thornton, B. S.....Sedalia, Mo.
 Samuel E. Young, A. B., Lawyer.....Cleveland, O.

CLASS OF 1872.

Walter Raleigh Couch, A. B., Minister	Friendville, Ill.
Walter S. Campbell, B. S., Minister	Rushville.
Nathan Ward Fitzgerald, A. B., Lawyer and Lec- turer, 610 13th St., N. W.....	Washington, D. C.
George Henry Gifford, A. B., Lawyer	Tipton.
William Irelan, A. B., Minister	Topeka, Kan.
Clementine Irelan, A. B	Eureka Sp'gs, Ark.
Willard R. Lowe, A. B. (A. M., 1875), Minister...	Winamac.
Leander P. Mitchell, B. S. (LL. B., Indiana Uni- versity), Lawyer	Washington, D. C.
Curtis H. Remy, A. B., Lawyer, 215 Dearborn St..	Chicago, Ill.
William H. Tiller, A. B., Minister	Sparta, Ky.

CLASS OF 1873.

Walter B. Fertig, A. B., Lawyer	Noblesville.
James I. Hopkins, A. B., Minister	Benchley, Tex.
Louis Newberger, A. B., Lawyer, The Denison...	Indianapolis.
Allen B. Thrasher, A. B. (A. M., 1875; M. D., Medical College Ohio), Physician, 157 W. 9th St.....	Cincinnati, O.
Walter S. Tingley, A. B. (A. M., 1886; M. D., Medical College Indiana), Physician	Greenwood.

CLASS OF 1874.

Jeffrey O. Cutts, A. B., Minister	Riverside, Cal.
Thomas Smith Graves, A. B., Live Stock Broker, 611 N. New Jersey St.....	Indianapolis.
Emmett S. Stillwell, A. B., Lawyer (Died May 23, 1883)	Shelbyville.

CLASS OF 1875.

Henry C. Owens, B. S., Deceased	Ohio.
William T. Sellers, B. S., Agent Christian Pub- lishing Co.....	Akron, O.
Samuel J. Tomlinson, A. B., Minister	Elkhart.

CLASS OF 1876.

- Robert Silas Blount, A. B. (A. M., 1879), Minister
(Died Oct. 28, 1883).....Irvington.
- Charles H. Caton, A. B. (A. M., 1881), Minister,
EnglewoodChicago, Ill.
- Nannie T. Cunningham, B. S. (Died Sept., 1876).Indianapolis.
- Mellie B. Ingels, A. B. (Mrs. John Julian), 2124
College Ave.....Indianapolis.
- Alonzo Marion Lyster, A. B., Teacher (Died Sept.
26, 1876).....Thorntown.
- Winfield Scott Moffett, A. B., Lawyer.....Irvington.
- John Rea Woodward, A. B. (A. M., 1879, LL. B.,
University of Virginia, 1878), Lawyer (Died
June 15, 1879).....New Castle.

CLASS OF 1877.

- John T. Burton, B. S. (M. S., 1880), Real Estate,
Loan and Insurance Agent.....Emporia, Kan.
- Willard W. Hubbard, B. S., Sec. Island Coal Co.,
1002 N. Delaware St.... Indianapolis.
- Hicklin J. Landers, B. S., Broker.....Kansas City, Mo.
- William T. Mason, A. B., Lumber Merchant....Asheville, N. C.
- Lafayette H. Reynolds, B. S. (M. S., 1880; LL.
B., Central Law School, 1880), Lawyer (Died
Oct., 1891).....Greenfield.
- Lewis Wallace, A. B., Lawyer, 1137 N. Meridian St. Indianapolis.

CLASS OF 1878.

- Ernest R. Copeland, B. S., Physician.....Milwaukee, Wis.
- Katherine M. Graydon, A. B. (A. M., Indiana
Univ., 1883), Oahu CollegeHonolulu.
- Oliver Romeo Johnson, Ph. B., Agent North Shore
Dispatch, The Denison.....Indianapolis.
- Albert Bayard Kirkpatrick, B. S. (L.L. B., Central
Law School, 1880), LawyerKokomo.
- Bizanna O'Connor, A. B. (Sister Ariana) Teacher. Emmetsburg, Md.

Charles E. Thornton, A. B., President Indiana Society for Savings, 1216 Broadway.....Indianapolis.

CLASS OF 1879.

- Albert F. Armstrong, A. B. (A. M., 1880), Superintendent City Schools.....Windom, Minn.
- Alembert W. Brayton, B. S. (M. S., 1880), M. D., Physician, 2113 Broadway.....Indianapolis.
- Demarchus C. Brown, A. B. (A. M., 1880), Professor of Greek, Butler College.....Irvington.
- Joseph A. Brown, A. B. (LL. B., Iowa State Univ.), Lawyer.....Pontiac, Ill.
- Miles L. Clifford, A. B., LL. B., Lawyer.....Tacoma, Wash.
- Vincent G. Clifford, Ph. B., LL. B., Lawyer, 1226 Bellefontaine StIndianapolis.
- Charles H. Gilbert, B. S. (M. S., Indiana Univ., 1882; Ph. D., Indiana Univ., 1883), Professor Leland Stanford, Jr., University.....Palo Alto, Cal.
- Clarinda C. Harriman, A. B. (Mrs. L. A. Pier)...Santa Barbara, Cal.
- M. Belle Hopkins, A. B., A. M., 1897 (Mrs. P. O. Updegraffe), Instructor in English, Bethany College.....Bethany, W. Va.
- Joseph B. Kealing, Ph. B., Lawyer, 1420 N. Alabama StIndianapolis.
- Eugene G. Kreider, A. B., LL. B., Lawyer, Clerk Supreme Court.....Olympia, Wash.
- Edmund G. Laughlin, A. B., Minister.....Cleveland, O.
- Albert B. Lewis, A. B. (A. M., 1882; M. D., Indiana Medical College), Physician.....Hamilton, Kan.
- William J. Lhamon, A. B. (A. M., 1880), Minister..Allegheny, Pa.
- Neal S. McCallum, A. B. (A. M., 1882), Minister.Irvington.
- Janet D. Moores, A. B., 1960 N. Penn. St.....Indianapolis.
- Josephus Peaseley, A. B., Supt. Public Schools..Iowa Falls, Iowa.
- Horace E. Smith, A. B. (A. M., 1882; LL. B., Harvard), Lawyer, 1020 N. Penn. St.....Indianapolis.
- James A. Young, A. B. (A. M., 1880), Manager New York Life Insurance Co. (Died Nov. 9, 1896).....Toledo, Ohio.

CLASS OF 1880.

- William Alexander Black, Ph. B., Attorney and
Broker. City of Mexico, Mex.
- Clarence Boyle, B. S., Lumber Merchant. Chicago, Ill.
- Hilton Ultimus Brown, A. B. (A. M., 1882), Gen-
eral Manager Indianapolis News Irvington.
- Mary Ida Bunker, A. B., Principal of High
School Mechanicsburg, O.
- James B. Curtis, A. B. (A. M., 1881), Lawyer New York City.
- William F. Elliott, A. B., Lawyer, 2033 N. Ala-
bama St. Indianapolis.
- Flora Frazier, Ph. B. (Mrs. P. M. Dill), 2016
Park Ave Indianapolis.
- Thomas W. Grafton, A. B. (A. M., 1883), Min-
ister Rock Island, Ill.
- Letitia B. Laughlin, B. S., M. D., Physician
(Died 1896) Warren, O.
- Emma C. Swain, Ph. B. (Mrs. Arthur N. Dwyer),
1821 N. Penn. St. Indianapolis.
- Minnie Tresslar, Ph. B. (Ph. M., 1882), Teacher. . Franklin.
- Walter O. Williams, Ph. B. (with E. C. Atkins &
Co.), 1808 Talbott Ave. Indianapolis.

CLASS OF 1881.

- Levi P. Ayres, B. S., Farmer, Michigan Ave. Indianapolis.
- Mary E. Couse, B. S. (Mrs. O. P. Gould), (Died
1892) Winona, Minn.
- Edward W. Darst, A. B., Minister, 5451 Drexel
Ave. Chicago, Ill.
- Walter M. Floyd, A. B. (LL. B., Central Law
School, 1882), Lawyer (Died August 26, 1882). . St. Paul.
- W. Henry Grove, Ph. B., Lawyer Glasgow, Ky.
- Lora C. Hoss, A. B., Farmer Kokomo.
- Colin E. King, A. B., Lawyer. New York City.
- James M. Leathers, Judge Superior Court No. 2,
2007 N. Alabama St. Indianapolis.

Solomon Metzler, A. B. (A. M., 1884), Teacher and
Minister.....Wauseon, O.
Louis Morgan, A. B. (A. M., 1885), Dealer in Coal
and Lime.....Indianapolis.
Minnie Olcott, A. B. (Mrs. M. Raymond Williams).Irvington.
Elizabeth Gertrude Smith, Ph. B. (Mrs. Isaac N.
Harlan, 619 E. Pratt St.....Indianapolis.
Silas A. Wurtz, A. B., Minister (Died 1893).....Ohio.

CLASS OF 1882.

Claud Harrison Everest, A. B., Farmer.....Hutchinson, Kan.
Tade Hartsuff, Ph. B. (Mrs. J. B. Kuhns).....Dunlo, Pa.
Burgess L. McElroy, A. B., Congressional Post-
master.....Washington, D. C.
Lewis A. Pier, A. B. (A. M., 1892), Minister....Santa Barbara, Cal.
May Louise Shipp, Ph. B., 1010 N. Delaware St..Indianapolis.
Marcellus J. Thompson, A. B. (A. M., University
of Michigan), Professor of Physics, University
of Missouri (Died December 17, 1890).....Columbia, Mo.

CLASS OF 1883.

Robert L. Dorsey, A. B., Tucker & Dorsey, Man-
ufacturers, 1409 Central Ave.....Indianapolis.
Jean H. Everest, A. B. (A. M., 1884), Lawyer..Oklahoma City, Okla.
Revillo P. Haldeman, Ph. B., Loan Agent.....Springfield, Mo.
Margaret A. Husted, Ph. B., Ph. M., 68 Middle
Drive, Woodruff Place.....Indianapolis.
Thomas M. Iden, Ph. B. (Ph. M., 1886), Chair of
Chemistry and Physics, State Normal.....Emporia, Kan.
Carey E. Morgan, A. B. (A. M., 1885), Minister,
10 N. Laurel St.....Richmond, Va.
Martin A. Morrison, A. B. (LL. B., University of
Virginia, 1886), Lawyer.....Frankfort.
Milton O. Naramore, A. B. (A. M., 1886), LL. B.,
Lawyer, 164 LaSalle St.....Chicago, Ill.
Cora M. Smith, A. B. (A. M., 1888).....Irvington.

CLASS OF 1884.

- Lewis Clark Breeden, A. B., Editor.....Lewiston, Ill.
 Sherman Town Burgess, A. B., Real Estate Agt..Scott, Kan.
 Albert Munson Chamberlain, A. B. (A. M., 1885),
 Minister.....Alliance, O.
 Ella May Dailey, Ph. B. (Mrs. C. E. Morgan),...Richmond, Va.
 Lot Dickson Guffin, A. B., Lawyer, Counsel for
 D. M. Parry & Co., 522 N. Meridian St.....Indianapolis.
 Frances Ellen Husted, A. B. (Mrs. W. H. Barr),
 68 Middle Drive, Woodruff Place.....Indianapolis.
 Grace Giddings Julian, Ph. B. (Ph. M., 1885),
 (Mrs. C. B. Clarke).....Irvington.
 William Wallace Knapp, Ph. B. (Ph. M., 1887), Ab-
 stractor of Titles.....Irvington.
 John Bugher Kuhns, A. B., Merchant.....Dunlo, Pa.
 Mary Lucinda Laughlin, Ph. B., Music Teacher.Cleveland, O.
 Mattie McClure, A. B., Professional Nurse, Pres-
 byterian Hospital.....New York City.
 John McKee, A. B., Professor Old Testament
 Language and Literature, Butler Bible Col-
 lege.....Irvington.
 Elmer Isaac Phillips, B. S., Lawyer.....Newcastle, Pa.
 Robert Sellers, A. B., Agent Butler Bible College.Indianapolis.
 James Henry O. Smith, A. B., Minister, 908 Ad-
 ams St.....Chicago, Ill.
 William Clement Smith, B. S. (M. S., 1888), Civil
 Engineer.....Indianapolis.
 John Francis Stone, B. S. (M. S., 1885; Ph. M.,
 1893), Lawyer (Died Jan. 13, 1900).....Guthrie, Okla.
 Mattie Wade, Ph. B. (Ph. M., 1885), (Mrs. W. B.
 Parks).....Thorp's Springs, Tex.

CLASS OF 1885.

- Richard F. Bigger, Ph. B., M. D., Physician, 524
 N. Penn. St.....Indianapolis.
 Arthur V. Brown, Ph. B., Lawyer, 545 N. Merid-
 ian St.....Indianapolis.

- Edmund H. Hinshaw, A. B., Lawyer, Prosecuting
Attorney Jefferson Co. Fairbury, Neb.
John Arthur Kautz, A. B. (A. M., 1886), Editor
Gazette-Tribune Kokomo.
Charles A. Marsteller, Ph. B., Broker Lafayette.
Lauretta E. Morgan, Ph. B. (Mrs. Robert Sellers). Indianapolis.
Electa Murry, Ph. B. (Mrs. O. M. Pruitt), 1936
Ash St Indianapolis.
Dora A. Pendleton, Ph. B. (Ph. M., 1886), (Mrs. C.
C. Riley) Cincinnati, Ohio.
Fannie M. Phillips, B. S. (Mrs. J. F. Stone) New Castle, Pa.
Oran M. Pruitt, A. B. (A. M., 1886), Sec. Indiana
Lumber and Veneer Co., 1936 Ash St. Indianapolis.

CLASS OF 1886.

- Ida May Findley, A. B. Irvington.
John Paul Findley, A. B., Minister Irvington.
Robert A. Gilchrist, A. B. (A. M., 1888), Professor
of Philosophy and Assistant Professor Sacred
Literature, Eureka College Eureka, Ill.
Juliet Holland, Ph. B. (Mrs. — Donahue) Washington, D. C.
Thomas Underwood Raymond, A. B. (A. M., 1890),
Captain and Assistant Surgeon U. S. Army,
War Department Washington, D. C.
Myrtella Sewall, Ph. B. (Mrs. N. B. Whitsel) Ft. Wayne, Ind.
Corinne T. Thrasher, Ph. B. (Mrs. O. O. Carvin) Irvington.

CLASS OF 1887.

- Dora Crace Blount, Ph. B., Teacher Irvington.
Lawson A. Coble, A. B., Minister Oakland City.
Erastus S. Conner, A. B., Minister Kendallville.
Benjamin F. Daily, A. B. (A. M., 1892; Ph. D.,
1894; B. D., Yale University, 1896), Minister. . Greenfield.
Emmett W. Gans, Ph. B. (with Aultman, Taylor
& Co.) Mansfield, Ohio.
Jane Graydon, A. B., Teacher, 1425 Central Ave. . . Indianapolis.

- F. Rollin Kautz, A. B. (A. M., 1889), (with Bowen-Merrill Co.), 2125 N. Alabama St. Indianapolis.
 James S. McCallum, A. B., Minister Olympia, Wash.
 Gertrude A. Mahorney, Ph. B. (Ph. M., 1889),
 Teacher of German, Indianapolis Public
 Schools Indianapolis.
 Martha O. Murry, Ph. B. (Mrs. E. W. Hoover),
 (Died June 30, 1896) Indianapolis.
 John A. Reller, A. B., Minister Elberfeld.
 Arthur W. Shoemaker, Ph. B., Minister Daleville.
 Sallie B. Thrasher, B. S. (Mrs. A. J. Brown) ... Grand Rapids, Mich.
 Henry M. Toner, B. S., M. D., Physician Shelbyville.
 Fred M. Wade, B. S. Manchester, Iowa.
 Omar Wilson, A. B., Teacher Irvington.
 Elias P. Wise, A. B., Minister Somerset, Pa.

CLASS OF 1888.

- William Wilson Buchanan, A. B. (with Bowen-Merrill Co.), 2102 N. Delaware St. Indianapolis.
 George Harris Clarke, B. S., Minister Williamsport.
 John Deem Fall, B. S., Druggist Cleveland, O.
 Elton Andrew Gongwer, A. B., Lawyer, Euclid
 Ave Cleveland, O.
 Kate Blanche Hadley, Ph. B. (Mrs. W. W. Buchanan), 2102 N. Delaware St. Indianapolis.
 Archibald McClelland Hall, A. B. (A. M., 1889;
 Ph. D., 1892; B. D., Yale University, 1897),
 Minister Springfield, Ill.
 Oscar Clemens Helming, Ph. B., Minister, 1136 S.
 East St. Indianapolis.
 William Clarence McCullough, A. B. (A. M.,
 Univ. Mich., '90), Supt. Public Schools Sullivan.
 Frank Hamilton Marshall, A. B. (A. M., 1891),
 Professor in Ad Ran University Waco, Tex.
 Hugh Thomas Miller, A. B. (A. M., 1895), Assist-
 ant Cashier Irwin's Bank Columbus.
 Louis Jackson Morgan, Ph. B. (LL. B., Yale), At-
 torney at Law, 1136 N. New Jersey St. Indianapolis.

John Campbell Morrison, A. B., Lawyer.....	Frankfort.
William Mullendore, A. B., Minister.....	Franklin.
James Buchanan Percy, Ph. B., Principal High School.....	Anderson.
Mary Paddock, A. B., Correspondent.....	Tacoma, Wash.
George Washington Redmon, Jr., Ph. B., M. D. (Died Nov. 30, 1894).....	Paris, Ill.
James Challen Smith, A. B. (A. M., 1895), Minis- ter.....	Alexandria.

CLASS OF 1889.

Jennie E. Armstrong, A. B. (A. B., Radcliffe Col- lege, 1898), (Mrs. T. C. Howe)	Irvington.
Perry H. Clifford, Ph. B. (with Lesh Paper Co.), 1504 N. Penn. St.....	Indianapolis.
Trousseau Dailey, Ph. B. (Died Aug. 15, 1894)....	Indianapolis.
H. Edwin Frazier, B. S., Treas. Indiana Car and Foundry Co., 2415 College Ave.....	Indianapolis.
William H. Graffis, Ph. B., Journalist.....	Sedalia, Mo.
Thomas C. Howe, A. B. (A. M., 1893; A. M., Harvard, 1897), Prof. Germanic Languages, Butler College.....	Irvington.
Genevra Hill, Ph. B. (Mrs. Kirkman).....	Richmond.
William G. Irwin, B. S., Banker	Columbus.
Mark A. LeMiller, Ph. B., Graduate Student, University of Michigan.....	Ann Arbor, Mich.
John J. Mahorney, Ph. B., Surveyor (Died July 14, 1892).....	Irvington.
Urban C. Mallon, Ph. B., Merchant.....	Francesville.
Joseph R. Morgan, Ph. B. (M. L., Yale), Attorney at Law, 1136 N. New Jersey St.....	Indianapolis.
William F. Ross, A. B. (A. M., Indiana Univ.; M. D., Barnes Medical College, St. Louis), Physician and Minister	Champaign, Ill.
Flora Shank, Ph. B., State Sec. Y. W. C. A.....	Irvington.
Clara L. Shank, A. B. (A. M., 1891), Teacher....	Irvington.

CLASS OF 1890.

Romaine Braden, A. B., Teacher.....	Irvington.
Benjamin Marshall Davis, B. S. (M. S., 1892), Pro-	
fessor of Biology, State Normal.....	Los Angeles, Cal.
Joseph Frank Findlay, A. B., Minister.....	Irvington.
Charles M. Fillmore, A. B., Minister.....	Carthage, Ohio.
Otis Webster Greene, B. S. (with Indianapolis	
Drug Co.), 2116 Central Ave.....	Indianapolis.
Julia Moores Graydon, A. B. (Mrs. Alexander	
Jameson).....	Irvington.
J. Newton Jessup, A. B., Minister.....	Little Rock, Ark.
Henry Thomas Mann, B. S., Farmer.....	Gilman, Ill.
Indiana Louisiana Martz, A. B., Teacher.....	Kokomo.
Tace Clara Belle Meeker, A. B. (Mrs. Charles	
Stearnes), Sheridan Drive.....	Chicago, Ill.
Frank D. Muse, A. B., Minister.....	Boswell.
John D. Nichols, A. B. (A. M., 1892; M. D., Ind.	
Med. College), Physician, 1005 Broadway....	Indianapolis.
Laz Noble, A. B., with Marion Trust Co.....	Indianapolis.
Henry Stewart Schell, A. B. (A. M., 1891), Supt.	
of Schools.....	Clinton.
Alexander Campbell Smither, A. B., Minister....	Los Angeles, Cal.
Augusta L. Stevenson, A. B., Teacher.....	Irvington.
Vida C. Tibbott, A. B. (A. M., 1892), Teacher....	Irvington.
T. H. Kuhn (A. B., Wabash), A. M. (Ph. D.,	
1893), Minister.....	Greenfield.

CLASS OF 1891.

Georgia E. Butler, A. B. (Mrs. Perry H. Clifford),	
1504 N. Pennsylvania St.....	Indianapolis.
Mary Thorpe Brouse, A. B., Teacher.....	Irvington.
Robert P. Collins, A. B., Grocer.....	Berlin, Pa.
Mark Collins, A. B., Minister.....	Chester, England.
Eugene J. Davis, A. B. (A. M., 1894; M. D., Ind.	
Med. College), Physician, 1541 College Ave...	Indianapolis.
Charles L. DeHaas, A. B., Lawyer, Lemcke Bldg..	Irvington.

- William P. Hay, B. S. (M. S., 1892); Professor of
 Natural History, Howard University..... Washington, D. C.
 Robert Hall, A. B. (A. M., 1893; Ph. D., 1895; B.
 D., Harvard, 1897), Teacher..... Irvington.
 Eva M. Jeffries, A. B., Teacher of Music..... Irvington.
 Elizabeth D. Layman, A. B. (Mrs. H. S. Schell).. Clinton.
 W. G. McColley, A. B., Minister..... Cairo, Ill.
 H. W. McKane, A. B., Student, Bellevue Med.
 College..... New York.
 Perry T. Martin, A. B., Minister..... Crawfordsville.
 Emerson W. Matthews, A. B., Professor of Greek
 and Latin, Eureka College..... Eureka, Ill.
 Jesse H. Mavity, A. B., Secretary Tin Plate Co. Atlanta.
 Ray D. Meeker, B. S., Lawyer..... Sullivan, Ill.
 Grace L. Murry, A. B., Teacher..... Riverside, Cal.
 Frances M. Perry, A. B. (A. M., 1894), Instructor
 in English in Wellesley College..... Wellesley, Mass.
 Luther E. Sellers, A. B., Minister..... Terre Haute.

CLASS OF 1892.

- Bowen C. Howell, A. B. (M. D., College of Physi-
 cians and Surgeons, Chicago), Examining
 Physician Insane Hospital Kankakee, Ill.
 John M. Brevoort, A. B., Farmer..... Vincennes.
 Reed Carr, A. B., Merchant (Died March 20, 1899)..Leipsig.
 William F. Clarke, A. B. (A. M., 1894; Ph. D.,
 1896), Principal High School Clinton.
 Robert Franklin Davidson, A. B. (A. M., 1892;
 LL. B., Indiana Law School, 1896), Lawyer
 (Lemcke Bldg.), Park Ave..... Indianapolis.
 Thomas Aaron Hall, A. B. (A. M., 1893), Minister. Oxford.
 Gertrude Johnson, A. B. (Mrs. Otis Greene), 2116
 Central Ave..... Indianapolis.
 W. Frank Lacy, A. B., Grain Merchant Noblesville.
 Alfred Lauter, A. B., with H. Lauter & Co..... Indianapolis.
 Lectania May Newcomb, A. B., Teacher, 832 N.
 East St..... Indianapolis.

Samuel H. Shank, A. B., Deputy Clerk Superior
 Court, Room 2 Irvington.
 William Snodgrass, A. B., Farmer..... Cyclone.
 Bertha Thormyer, A. B., Fellow in German, Uni-
 versity of Chicago Chicago, Ill.
 Avery A. Williams, A. B. (Died January 17, 1894). Wabash.
 De Motte Wilson, A. B., Teacher. Irvington.

CLASS OF 1893.

Stella Braden, A. B., Teacher. Irvington.
 Jessie Lincoln Brady, A. B., Grain Dealer. Rensselaer.
 Harry Seymour Brown, B. S. (LL. B., Indiana
 Law School, 1896), Lawyer, 1117 Prospect St. Indianapolis.
 Evelyn Mitchell Butler, A. B., Instructor Butler
 Preparatory School Irvington.
 Edward Harry Clifford, A. B., Freight Clerk L.
 E. & W. R. R., 816 N. West St. Indianapolis.
 Julia Fish, A. B., 36 The Blacherne. Indianapolis.
 Will David Howe, A. B. (A. M., Harvard, 1897),
 Professor English Language and Literature,
 Butler College. Irvington.
 Frank F. Hummel, B. S., State Agent McMillan
 & Co., 123 W. 21st St. Indianapolis.
 Lona Louise Iden, A. B. (Mrs. W. F. Lacy) Noblesville.
 Daniel Wonderlich Layman, B. S. (M. D., 1898),
 Head Physician Presbyterian Hospital. New York.
 John Minnick, B. S., Teacher. Washington, D. C.
 Mary Eola Thomas, A. B. Riverside, Cal.
 Luther Addison Thompson, B. S., Teacher. Acton.
 Bertha Belle Ward, A. B., Stenographer, 721 N.
 New Jersey St. Indianapolis.
 Frank Ford Williams, B. S., Deputy County
 Auditor Wabash.

CLASS OF 1894.

Charles Elsworth Baker, A. B., City Clerk. Sedalia, Mo.
 John Wilbert Barnett, A. B. (A. M., 1895; Ph. D.,
 1897), Minister, 1337 S. High St. Columbus, Ohio.

- Edwin Wallace Brickert, A. B., Minister.....Sullivan, Ill.
 George Green Bruer, A. B. (A. M., 1895), Minister.....Stellton, Pa.
 Rose Elliott, A. B., Teacher, 1646 Cornell Ave....Indianapolis.
 Mary Bemis Galvin, A. B. (Mrs. R. F. Davidson).Indianapolis.
 Clara Mae Goe, A. B., Teacher.....Irvington.
 George Elmer Hicks, A. B. (A. M., 1895), Minister.Macy.
 Emma Claire Johnson, A. B.....Irvington.
 Isabella Aurelia Moore, A. B.....Wanamaker.
 Ora May Murry, A. B. (Mrs. George Hodges)....Olathe, Kan.
 Charles Albert Riley, A. B. (A. M., 1895; Ph. D.,
 1897), Minister.....Moline, Mich.
 Charles Augustus Stevens, A. B. (A. M., 1895;
 Ph. D., 1897), Minister.....Trinidad, Colo.
 Anna Charlotte Stover, A. B. (A. M., 1895), Sec.
 Y. W. C. A.....Williamsport, Pa.
 Edith Daisy Surbey, A. B., Teacher, 609 E.
 South St.....Indianapolis.
 Myrtle Van Sickle, A. B. (Mrs. Chas. M. Reagan),
 28th St.....Indianapolis.

CLASS OF 1895.

- Mary Edna Arnold (A. B., University of Illinois),
 A. M., Ph. D., 1896 (Died Jan. 2, 1898).....Souders, Ill.
 May Brayton, A. B. (Mrs. A. A. Johnson)....City of Mexico, Mex.
 Nelson Dewey Brayton, A. B., House Physician,
 New York Skin and Cancer Hospital, 2d Ave.New York.
 Harriet Nell Brevoort, A. B.....Columbus.
 Edward Augustus Brown, A. B. (M. D., Indiana
 Medical, 1898), Physician, 1128 Broadway....Indianapolis.
 Edgar Thomas Forsyth, A. B., Teacher.....Irvington.
 Georgia Noble Galvin, A. B.....Irvington.
 Eva Lou Goodykoontz, A. B., Teacher of Music,
 539 Tremont Ave.....Indianapolis.
 Dora Greene, A. B. (Mrs. R. G. Morgan), 2416 N.
 Illinois St.....Indianapolis.
 Dora Collins Hadley, A. B. (Mrs. E. H. Clifford),
 816 N. West St.....Indianapolis.

Harry Leonard Henderson, A. B., Chaplain Prison North	Michigan City.
George Wilson Hoke, A. B., Teacher	Wauwatosa, Wis.
Arthur Albert Johnson, A. B., Civil Engineer..	City of Mexico, Mex.
Mary Louisa Lepper, A. B., Teacher	Mt. Carroll, Ill.
Laura Mace, A. B., (M. D., Indiana Medical, 1898), Physician, Eastern Hospital for Insane.....	Richmond.
Rose MacNeal, A. B. (Ph. M., Univ. of Chicago, 1897), Teacher	Indianapolis.
Bertha Negley, A. B., Teacher	Indianapolis.
Grace May Reeves, A. B. (Mrs. John Little Morris).....	Columbus.
Laura Evelyn Rupp, A. B., Teacher, College Ave.	Indianapolis.
Charles Burr Taylor, A. B. (A. M., 1896; M. D., 1899), Physician	Nassau, Iowa.

CLASS OF 1896.

Retta Valeria Barnhill, A. B.	Irvington.
John Scot Butler, A. B., with American Lumber and Mining Co.....	El Oro, Estado de Mexico, Mexico.
Arthur Bliss Carpenter, A. B.	Wabash.
Edward William Clark, A. B., Journalist, 155 N. Meridian St.....	Indianapolis.
Robert Woodward Clymer, A. B., Minister	Scranton, Pa.
Charles Wingate Culbertson, A. B.	Brazil.
Charles Test Dalton, A. B., Reporter.....	Indianapolis.
John Quincy Davis, A. B., Physician.....	Indianapolis.
Mary Coburn Fletcher, A. B.	Proctorsville, Vt.
Henry Frederick Frigge, A. B., Minister.....	Louisville, Ky.
Franklin Drake Hobson, A. B.	Kokomo, Pa.
Pearl Jeffries, A. B., Teacher	Irvington.
Earl Thayer Ludlow, A. B., Dairy Farmer.....	Denver, Colo.
Katharine Moore, A. B.	Irvington.
William Elmer Payne, A. B., Minister.....	West Lebanon, Ind.
William Eugarde Phillips, A. B., Medical Stu- dent.....	Battle Creek, Mich.

Etta Lamb Thompson, A. B. Muncie.
 Agnes Thormyer, A. B., Teacher Irvington.
 George Gould Wright, A. B., Real Estate Agent.. Monroe, Wis.
 Charles Richard Yoke, A. B., with American
 Lumber and Mining Co. El Oro, Estado de Mexico, Mexico.

CLASS OF 1897.

Willis Marvin Blount, A. B., Professor Pedagogy. Albion, Mich.
 Clarence Abram Brady, A. B., Minister. Frankton.
 Lulu Belle Brevoort, A. B. (Mrs. Charles S. Baker). Columbus.
 Frank Thurman Brown, A. B., Lawyer, 1117 Pros-
 pect St. Indianapolis.
 Robert Alexander Bull, A. B., Pipe Inspector.... Bessemer, Ala.
 James Calvin Burkhardt, A. B., Minister. Irvington.
 Jessie Lanier Christian, A. B. (A. M., 1899), (Mrs.
 D. C. Brown) Irvington.
 Armstrong Brandon Clarke, A. B. Vincennes, Ind.
 Walter Clemens Clarke, A. B., Teacher. Indianapolis.
 Ethel Rous Curryer, A. B., Sec. State Medical
 Board of Registration and Examination. Indianapolis.
 Virgil Byron Ging, A. B., with Monarch Mfg. Co. Irvington.
 Samuel Allen Harker, A. B., Professor of Mathe-
 matics, Butler College Irvington.
 Carrie Rebecca Howe, A. B. Irvington.
 Chloe Frances Hull, A. B. Indianapolis.
 Moddie Jeffries, A. B., Teacher. Irvington.
 Walter Scott King, A. B., Prin. High School. Clark's Hill.
 George Washington Knepper, A. B., Junior Sec.
 Y. M. C. A. Indianapolis.
 John Thomas Lister, A. B., Graduate Student Uni-
 versity of Chicago. Chicago, Ill.
 Samuel McGaughey, A. B. (M. D., Indiana Medical
 College), Interne Indianapolis Dispensary.... Irvington.
 Howard Hodges Maxwell, A. B., Teacher Greenwood.
 Frank Clift Olive, A. B., Lawyer. Indianapolis.
 Alonzo Swain Roberts, A. B., Interne Indiana
 Medical College Irvington.

Thomas Roerty Shipp, A. B., Reporter Indianapolis News	Irvington.
Ira Burns Shrader, A. B., with W. K. Belknap & Co	Louisville, Ky.
Emma Stradling, A. B., Teacher	Anderson.
Nettie Sweeney, A. B.	Columbus.
Bona Thompson, A. B. (Died Oct. 12, 1899)	Irvington.
Mabel Harriet Tibbott, A. B., Student of Music ..	Irvington.
Emma Edna Wallace, A. B., Teacher, 220 E. Tenth St.	Indianapolis.
Percy Barton Williams, A. B., Educational Director Y. M. C. A.	Indianapolis.

CLASS OF 1898.

Virgil Dalrymple, A. B.	Irvington.
Erett McLeod Graham, A. B., Assistant Civil Engineer	Baltimore, Md.
David Rioch, A. B., Missionary	Damoh, Central Province, India.
Ezra Clayton Roberts, A. B., Teacher	Indianapolis.
Anson Harvey Washburn, A. B., Teacher	Charleston, Ill.

CLASS OF 1899.

Charles Herbert Bass, A. B., Minister	Abingdon, Ill.
Perry Magnus Byram, A. B., Graduate Student University of Chicago	Chicago, Ill.
Elizabeth Campbell, A. B.	Irvington.
Ethel Elizabeth Cleland, A. B., 1901 N. Capitol Ave.	Indianapolis.
Stanley Roberts Grubb, A. B., Minister	Rising Sun.
Emily Helming, A. B., Teacher	Atchison, Kan.
Robert Wilson Hobbs, A. B., Reporter, 1909 N. New Jersey St.	Indianapolis.
Edith Keay, A. B., Graduate Student University of Chicago	Chicago, Ill.
Sarah Kingsbury, A. B., Graduate Student University of Chicago	Chicago, Ill.

Bertha Mason, A. B.....	Asheville, N. C.
Charles Joseph McGroarty, A. B., Student Indiana Law School.....	Indianapolis.
Elvit Eugene Moorman, A. B., Minister.....	Waveland.
James Henry Stevens, A. B., Graduate Student..	Irvington.
William Dowling Van Voorhis (A. B., Hiram, 1896), A. M., Minister.....	Lowell.
Albert Luther Ward, A. B., Minister.....	Rensselaer.

HONORARY DEGREES CONFERRED.

*Hon. Oliver P. Morton, LL. D., 1871.

*Hon. Conrad Baker, LL. D., 1871.

*Hon. James A. Garfield, LL. D., 1871.

Prof. Allen R. Benton, LL. D., 1871, Indianapolis, Ind.

*Hon. Horatio C. Newcomb, LL. D., 1871.

Hon. William M. Franklin, LL. D., 1871.

*Ovid Butler, LL. D., 1871.

Hon. Byron K. Elliott, A. M., 1871, Dean, Indiana Law School, Indianapolis, Ind.

A. C. Shortridge, A. M., 1871, Irvington, Ind.

*Hon. Milton B. Hopkins, A. M., 1871.

Catharine Merrill, A. M., 1871, Teacher, Indianapolis, Ind.

Charles E. Hollenbeck, A. M., 1871, Publisher, Indianapolis, Ind.

Prof. Eli F. Brown, B. S., 1876; M. S., 1880, Professor of Anatomy and Physiology, American Medical College, Indianapolis.

*Prof. J. O. Hopkins, A. M., 1876.

*Judge John A. Holman, A. M., 1877.

Pres. David S. Jordan, Ph. D., 1877, President Leland Stanford, Jr., University, Palo Alto, Cal.

*Pres. Otis A. Burgess, LL. D., 1877.

Prof. Melville B. Anderson, A. M., 1878, Professor of English Literature, Leland Stanford, Jr., University.

Prof. Delaskie Miller, Ph. D., 1879, Physician (Specialist), Chicago, Ill.

Mrs. W. W. Butterfield, B. S., 1882.

Marion Thrasher, M. D., 1883, 1228 Market Street, San Francisco, Cal.

J. H. McCullough, A. M., 1883, Minister, Irvington, Cal.

Dr. Rufus Blount, A. M., 1883, Physician, Wabash, Ind.

*Deceased.

- Dr. F. Grayston, A. M., 1883, Physician, Huntington, Ind.
- *Alvin I. Hobbs, LL. D., 1885, Minister, Dean Theological Faculty, Drake University, Des Moines, Iowa.
- *Isaac Errett, LL. D., 1886, Editor, Christian Standard, Cincinnati, Ohio.
- Pres. A. G. Thomas, LL. D., 1886, President, Burritt College, Spencer, Tenn.
- Pres. S. R. Crumbaugh, LL. D., 1886, President, South Kentucky College, Hopkinsville, Ky.
- Pres. W. Y. Taylor, A. M., 1886, President, Lagarto College, Lagarto, Tex.
- Harriet Noble, A. M., 1886, Indianapolis, Ind.
- W. T. Moore, LL. D., 1887, Dean of the Bible College of Missouri and Editor of the Christian Commonwealth, Columbia, Mo.
- Isaac A. Harvey, Ph. D., 1887, Geologist, Pa.
- Milton J. Mallory, A. M., 1887, Superintendent City Schools, Crown Point, Ind.
- Charles Louis Loos, LL. D., 1888, President, Kentucky University, Lexington, Ky.
- Hon. Z. T. Sweeney, LL. D., 1889, Columbus, Ind.
- Lieut. Thomas U. Raymond, A. M., 1890, Vancouver Barracks, Wash.
- J. L. Dickens, LL. D., 1891, President, Texas Female Seminary, Weatherford, Texas.
- Lewis A. Pier, A. M., 1891, Minister, Santa Barbara, Cal.
- Dorman S. Kelly, A. M., 1892, Department Natural History, State Normal School, Emporia, Kan.
- Frank O. Morrison, A. B., 1895, Physician, Indianapolis.
- Scot Butler, LL. D., 1896, President Butler College, Irvington.
- Hugh C. Garvin, Ph. D., 1896, President Ridgeville College, Ridgeville, Ind.
- Prof. Jabez Hall, A. M., 1898, Professor of Homiletics and Pastoral Theology, Butler Bible College, Irvington.
- William Pinckney Fishback, LL. D., 1899, Dean Indiana Law School, Indianapolis.
- Delos Oscar Kinsman (B. L., Wisconsin University), A. M., 1899, Plattsburg, Wis.

INDEX.

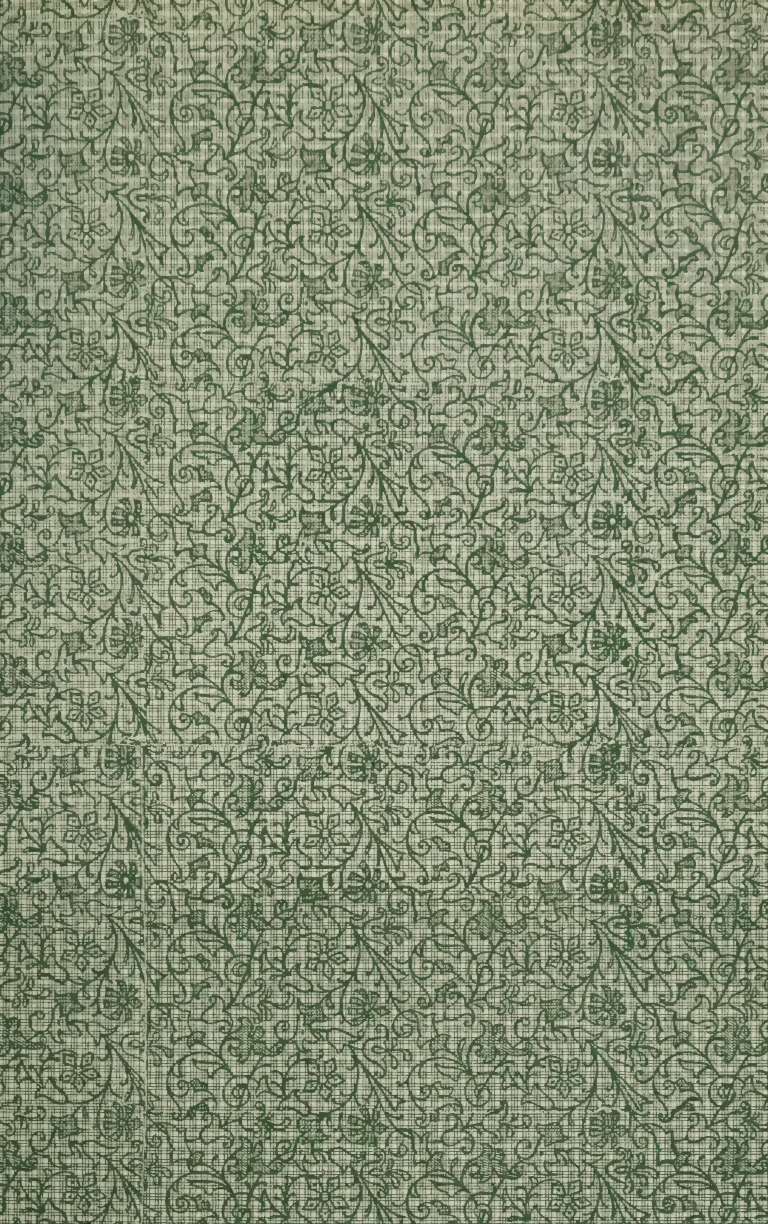
Academical Senate	5
Admission, Requirements for.....	32-37, 82, 93, 109
Admission Without Examination.....	35
Advanced Standing.....	36
Affiliation University of Chicago.....	19
Alumni Association.....	131
Art, School of.....	76, 79
Astronomical Observatory	27
Astronomy	70
Athletic Association.....	24
Bible, Department of.....	63
Bible School	91
Bible School, Relation to College.....	93
Biological Laboratory.....	30
Biology, Department of	63
Board of Directors Butler College	12
Board Trustees Bible School	93
Board of Trustees University.....	5
Board of Visitors	13
Boarding and Lodging.....	90, 107
Botany.....	65
Calendar.	10
Catalogue of Students	120
Chapel Attendance.....	88
Chemical Laboratory	30
Chemistry, Department of.....	66
Christian Associations.....	22
Church History, Department of.....	100
Classification of Students, College.....	87
Classification of Students, Preparatory Department.....	109

College Paper	22
College Residence	27
Committees Board of Directors	12
Conditions	37
Courses of Study, Bible School	96
Courses of Study, College	41
Courses of Study, Preparatory Department	113
Debate, Inter-Collegiate	23
Debate, Prize for	88
Degrees	39, 86, 95, 119
Dental College	8
Department University of Indianapolis	18
Directors, Bible School	93
Directors, Butler College	12
Directorship	20
Economics	57
Educational Purpose	20, 81
English, Department of	50, 113
Enrollment	35
Entrance Credits	32
Essays, Prize	88
Examinations	82, 87
Exegesis New Testament	98
Expenses	89
Faculty	14-17, 92
Financial Condition	20
Forensics	54
French, Department of	48, 115
Freshman Class	122
Freshman Class, Requirements	32
General Information	87, 106
Geology, Department of	69
German, Department of	45, 115
Graduate Students	25
Graduation, Requirements for	38-40, 110
Greek, Department of	43, 105, 114
Gymnasium Building	30
Gymnasium Practice	24

Gymnasium Suits	74
Hebrew, Department of.....	97
Historical Sketch College.....	18
History and Political Science, Department of.....	61
Hermiletics, Department of	96
Honorary Degrees, Recipients of.....	154
Junior Class.....	121
Latin, Department of	41, 114
Law School.....	7
Libraries.	28
Library Hall.....	26
Literary and Musical Advantages.....	25
Literary Societies.....	24
Location and Buildings	26-31
Main College Building.....	26
Major Courses.....	38
Mathematics, Department of	70, 116
Mechanics.....	72
Medical College.....	6
Memorial Gifts	25
Minor Courses.....	38
Museum.....	29
Music, School of.....	76, 77
New Testament Literature, Department of	98
Old Testament Literature, Department of.....	97
Oratorical Association	23
Oratory, Prizes in.....	88
Organization	18
Pastoral Theology	96
Payments to the College	89
Pecuniary Assistance to Students	21
Pedagogy and Philosophy, Department of.....	54, 102
Philosophy.....	55
Physical Exercises.....	73, 107
Physics, Department of.....	68, 110, 117
Political Science.....	62
Preparatory Classes.....	110
Preparatory Department.....	109

Preparatory Students.....	124
Prizes.....	88, 119
Public Speaking.....	107
Registration.....	35, 82
Religious Observances.....	88
Religious Privileges.....	106
Religious Purpose and Influence.....	21
Reports.....	87
Romance Languages, Department of.....	48
Scheme of Daily Recitations.....	2, 106
Self-Support of Students.....	21
Senior Class.....	120
Sociology and Economics, Department of.....	57, 103
Sophomore Class.....	121
Spanish, Department of.....	49
Special Fees.....	78, 79, 89
Special Lectures.....	81, 106
Special Students.....	37
Students' Names.....	120
Summaries.....	5, 130
Summer School.....	81
Teachers' College Study Department.....	84
Term Reports.....	87
Trustees Bible College.....	93
Trustees University.....	5
Tuition Fees.....	78, 79, 82, 89
University of Indianapolis.....	3
Visitors, Board of.....	13
Zoölogy.....	64





UNIVERSITY OF ILLINOIS-URBANA



3 0112 074684561